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ANNUAL REPORT
OF THE DEPARTMENT OF HIGHER EDUCATION
2005 - 2006



सत्यमेव जयते

DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF WEST BENGAL
2006

HIGHER EDUCATION

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GOVERNMENT OF WEST BENGAL
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ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION, 2005-2006

June, 2006

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Edited
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FOREWORD

The present volume of the Annual Report of the Department of Higher Education presents the status of Higher Education in the State of West Bengal during the year 2005-06 and describes, in particular, the activities of the Department. It also contains an account of the activities of different organizations and institutions attached to the department of Higher Education.

The Department has been taking all possible measures for qualitative and quantitative improvement of higher education in the State. Over a period of last few years, considerable expansion of opportunities in higher education has taken place in almost all the areas. More than one hundred colleges of the State have been accredited so far by NAAC with grades which are mostly A+, A, B++, and B. Two of our eminent universities, Jadavpur University and Calcutta University have already been awarded five star status by NAAC.

During the year 2005, nine new General Degree Colleges have been approved with full financial support under "Pay Packet Scheme". Private trusts have come forward to supplement the efforts of the State Govt. in the establishment of self financing colleges including professional colleges.

Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) has been established as a private self financing "deemed to be university" in the State with the approval of Govt. of India. Calcutta University has earned the unique distinction of being "a University with Potential for Excellence". Both Jadavpur University and Bengal Engineering & Science University have been declared as the "Institute of National Importance" under the Govt. of India's scheme for special grant. Indian Institute of Science, Education and Research, Kolkata, a Centre of Excellence like Indian Institute of Science, Bangalore, has been approved to start its academic programme from the academic session 2006-07.

225 years old Calcutta Madrasah has been upgraded to a college, based on 'Kidwai Committee's Report'. Our universities have established a number of collaborative programmes with reputed foreign universities in different academic fields. Calcutta University, Jadavpur University and Rabindra Bharati University have established joint academic collaborations with reputed Italian universities like Rome, Turin, Venice and Naples.

In the field of Engineering & Technology education, we have been able to strike a balance between 'expansion and quality improvement'. Rs. 154 crore centrally sponsored World Bank assisted programme is now under execution to upgrade the technical education imparted in a few selected institutions in the State.

Calcutta University has extended autonomy for all Post Graduate Departments in its affiliated colleges. UGC has declared St. Xavier's College as an **Autonomous College**. Calcutta University Act has been amended to make room for such autonomous colleges.

State Government has continued its efforts for strengthening the infrastructure of the colleges. 1000 new teaching posts have been created for non-Govt. colleges under pay packet scheme including teachers training colleges. 227 vacant teaching posts are also being filled up in Govt. colleges. 17 vacant posts of Principals in Govt. colleges have also been filled up during the year.


In order to reach the large cross section of the society and to allow the benefit of higher education to those who can not afford to come under the conventional system of education, Netaji Subhas Open University has been set up to offer under-graduate, post-graduate and Professional courses in some selected areas through open education system.

The State Govt. is committed to inculcate a sense of responsibility and accountability at all levels.

Dated : 16th June, 2006

Bikash Bhawan,

Salt Lake, Kolkata - 700 091



(Sudarsan Raychaudhuri)

Minister- in- charge
Higher Education Department

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'Archival week' Celebration, March, 24-30, 2006 by West Bengal State Archives.



Signing of MOU on Academic Collaboration between Calcutta University, Jadavpur University, Rabindra Bharati University and reputed Italian Universities.



*Conference on 'Narratives of Development' organised by
Institute of Development Studies, Kolkata.*



*Calcutta Madrasah College celebrating its 225 years of establishment in presence of
Shri Buddhadeb Bhattacharjee, Hon'ble Chief Minister W.B and other dignitaries.*



Prof. Sudarsan Raychaudhuri, MIC, Higher Education inaugurating the Joint Review Mission of the World Bank assisted TEQIP Project.



International Workshop-cum-seminar on 'Consciousness A deeper Scientific Search' on 8 January and 13-15 January, 06. Organised by Ramkrishna Mission Institute of Culture, Golpark, Kolkata.



Workshop on Disaster Management organised by Jadavpur University.



Ancestral house of Sahitya Samrat Bankim Chandra Chattopadhyay at Kantalpara, Naihati after renovation.



Inter- Govt. College Atheletic Meet, 21st and 22nd February, 2006.



42nd Annual Conference of the Institute of Historical Studies.



Students attending a lecture in the hall of the college.



Exterior view of the JIS College of Engineering building.

CHAPTER - 1

**HIGHER EDUCATION IN
WEST BENGAL**

AT A GLANCE, 2005 -2006

CHAPTER – 1

HIGHER EDUCATION IN WEST BENGAL

AT A GLANCE

2005 - 2006

A. UNIVERSITIES :

(1) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN THE DEPARTMENT OF HIGHER EDUCATION ALONGWITH NUMBER OF AFFILIATED COLLEGES, ETC.

UNIVERSITY	No. of Departments	No. of faculty	No. of teachers	General degree colleges	Education Colleges	Physical Edn. Colleges	Law Colleges	Management Colleges	Art Colleges	Music Colleges	Home Sc. College	Eng & Tech Colleges	Special Institutes	Total No. of Colleges
1. Calcutta University	59	5	698	160	21	3	6	1	1	1	—	—	1	194
2. Burdwan University	28	2	215	84	14	2	5	—	1	1	—	—	2	109
3. Vidyasagar University	19	3	117	35	6	—	2	—	1	—	—	—	—	44
4. Kalyani University	22	4	245	36	7	1	3	—	—	—	—	—	—	47
5. North Bengal University	22	3	148	59	13	2	2	—	—	—	—	—	—	76
6. Jadavpur University	35	3	636	1	1	—	—	—	—	—	1	—	—	3
7. Rabindra Bharati University	22	3	155	—	—	—	—	—	1	—	—	—	—	1
8. Bengal Engineering & Science University	12	2	179	—	—	—	—	—	—	—	—	—	—	—
9. Netaji Subhas Open University	5	—	12	—	—	—	—	—	—	—	—	—	—	—
10. West Bengal University of Technology	7	—	32	—	—	—	—	8	—	—	—	46	—	54
Total	—	—	2437	375	62+1*	8	18	9	4	2	1	46+8**	3+1#	538

* Bon Hooghly College of Orthopadically Handicapped (Central Govt. aided);

** Exclude Six University College / Department and two Central Govt. funded institutions;

Calcutta Madrasah College.

(2) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN OTHER DEPARTMENTS :

1. Bidhan Chandra Krishi Viswavidyalaya.
2. West Bengal University of Animal and Fishery Sciences.
3. West Bengal National University of Juridical Sciences.
4. Uttarbanga Krishi Viswavidyalaya.
5. West Bengal University of Health Sciences.
6. Ramkrishna Mission Vivekananda Educational and Research Institute (RKMVERI) (D. U.)

(3) CENTRAL UNIVERSITIES :

1. Visva-Bharati
2. Indira Gandhi National Open University, Regional Centre

B. INSTITUTES WITH SPECIAL STATUS :

1. Indian Institute of Management, Joka
2. Indian Institute of Technology, Kharagpur
3. Indian Statistical Institute, Baranagar
4. National Institute of Technology, Durgapur

C. INSTITUTION OF NATIONAL IMPORTANCE :

1. Asiatic Society.

D. IMPORTANT RESEARCH INSTITUTIONS :

1. Bose Institute
2. Central Glass & Ceramic Research Institute
3. Centre for Studies in Social Sciences
4. Central Mechanical Engineering Research Institute, Durgapur
5. Indian Association for the Cultivation of Science
6. Indian Institute of Chemical Biology
7. Institute of Historical Studies
8. Netaji Institute for Asian Studies

9. Saha Institute of Nuclear Physics
10. Satyendra Nath Bose National Centre for Basic Sciences
11. Variable Energy Cyclotron Centre

E. IMPORTANT INSTITUTES/ORGANISATIONS ATTACHED TO THE DEPARTMENT OF HIGHER EDUCATION :

1. WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION :

Planning and co-ordination in the area of Higher Education.

2. WEST BENGAL COLLEGE SERVICE COMMISSION :

Conducts State Level Eligibility Test (SLET) for preparation of merit lists for recruitment to the posts of Lecturers in affiliated degree colleges and also recommends candidates for recruitment to the posts of Principals.

3. DISTRICT GAZETTEERS :

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India scheme of revision of gazetteers which were compiled and published during the British Rule. It is engaged in research, compilation and publication of gazetteers and other allied literature. There is an Advisory Committee consisting of scholars and academicians to advise the State Editor.

4. STATE ARCHIVES :

The Archives is the repository of old historical records of the Government.

5. STATE BOOK BOARD :

The State Book Board was established in 1970. The Board has published 790 Books for undergraduate and postgraduate courses in 31 subjects till last year.

6. INSTITUT DE CHANDERNAGOR :

A centre for French language studies. There is also a museum at the Institute.

7. INSTITUTE OF ENGLISH :

The Institute was founded by the Govt. of West Bengal in collaboration with the British Council in 1963. It enjoys full academic autonomy in devising courses and syllabus, conducting examinations and conferring diplomas.

HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2005-2006

F. COLLEGES :

1. DIFFERENT TYPES OF COLLEGES

Government Colleges	General Degree Colleges	17
	Colleges for Education	7
	Colleges for Physical Education	4
	Art College	1
	Law College	1
	Engineering & Technological Colleges	6
	Calcutta Madrasah College	1
	Total	37
Non-Govt. & Self financing Colleges	General Degree Colleges	358
	Colleges for Education	56
	Colleges for Physical Education	4
	Law College	17
	Home Science College	1
	Music College	2
	Art College	3
	Special Institution	3
	Business Management/Business Administration College	9
	Engineering & Technological Colleges including University Engg. Dept.	48
	Total	501
	Total Colleges in West Bengal	538

2. POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

Sl. No.	Name of Colleges with affiliating University	Subjects introduced at Post-Graduate Level
Calcutta University		
1.	Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi Environmental System Management, Molecular Biology & Genetics
2.	Bethune College	Botany, Zoology
3.	Maulana Azad College	Zoology
4.	Lady Brabourne College	Geography, Microbiology
5.	Barasat Govt. College	Botany
6.	Goenka College of Commerce and Business Administration	Commerce
7.	Bidhannagar College	Zoology, Microbiology
8.	Taki Govt. College	Bengali
9.	Asutosh College, Kolkata	Environmental Science
10.	Dinabandhu Andrews College	Zoology
11.	A.P.C. College, New Barrackpore	Microbiology, Electronics
12.	Rastraguru Surendranath College, Barrackpore	Microbiology, Computer Sciences
13.	St. Xavier College	Computer Science
14.	Scotish Church College	Zoology
15.	Bongaon Dinabandhu Mahavidyalaya	Bengali

16.	Narendrapur Ram Krishna Mission	Chemistry
17.	Vidyasagar College	Zoology
18.	Bijoygarh Jyotish Roy College	Micro Biology
19.	Belur Ram Krishna Mission	Mathematics, Sanskrit
20.	Fakir Chand College, Diamond Harbour	Education
21.	David Hare Training College	M.Ed., M. Phil (with Netaji Open University)
22.	Post Graduate Training College for Physical Education, Banipur	Physical Education (M.P.Ed)
23.	Institute of Education for Women, Hastings House, Alipore	M.Ed.
24.	State Institute of Physical Education for Women, Hastings House, Alipore	M.P.Ed.
25.	Govt. College of Art and Craft	Visual Arts (MVA)
Burdwan University		
26.	Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce
27.	Chandernagar College, Hooghly	Geography
28.	Bankura Christian College	English, Bengali
29.	Durgapur Govt. College	Geology
30.	B.B. College, Asansol	Physics
31.	J.K.College, Purulia	Mathematics
32.	Burdwan Raj College	Bengali
33.	Burdwan Vivekananda College	Chemistry
34.	Burdwan M.U.C. College	English

Kalyani University		
35.	Krishnagar Govt. College	Philosophy & Geography
36.	Krishnanath College, Berhampore, Murshidabad	Sericulture, Physiology, Sanskrit
37.	Kanchrapara College, Kanchrapara, 24-Parganas(N)	Hindi
North Bengal University		
38.	A. B. N. Seal College	Bengali
39.	Darjeeling Govt. College, Darjeeling	Zoology, Botany, English, Nepali
40.	Malda College	English & History
41.	Balurghat College	Bengali & Commerce
42.	Raiganj College	Bengali
43.	Ananda Chandra College	Bengali
Vidyasagar University		
44.	Jhargram Raj College	Chemistry
45.	Raja N. L. Khan Women's College	Zoology
46.	Midnapore College	Physics

* 30 - PG Courses

G. SCHOLARSHIPS AND STIPENDS RELEASED :

In the year being reported here (2005-2006), the number of scholarships/stipends which were released is indicated below :

National Scholarship (monetary benefit) :

Madhyamik (fresh)	—	854
Madhyamik (renewal)	—	388
Higher Secondary	—	182
Degree (Graduation)	—	1589
High Madrasah	—	32
	—	<u>3045</u>

National Scholarship (Merit Certificates) :

Higher Secondary	—	380
Madhyamik	—	148
		<u>528</u>

National Merit Scholarship 79

D.P.I. Special Stipend — 300
(General Stipend)

D.P.I. Special Stipend — 122 (distributed among four institutions)
(Ad-hoc grant)

Hindi Scholarship — 348

H. ENROLMENT OF STUDENTS IN DIFFERENT AREAS OF STUDY IN UNIVERSITIES AND COLLEGES (2005 - 2006)

Areas of Study	Boys				Girls				GRAND TOTAL
	Gen	SC	ST	Total	Gen	SC	ST	Total	
Arts	161034	40293	5687	207014	172022	21210	3434	196666	403680
Science	71587	8779	1061	81427	38788	3238	559	42585	124012
Commerce	80475	4581	845	85901	20505	910	420	21835	107736
Education	4405	1124	211	5740	2892	337	63	3292	9032
Law	4548	321	123	4992	3343	136	89	3568	8560
Engineering	35889	5178	512	41579	8488	966	135	9589	51168
Management	7536	714	57	8307	3039	219	25	3283	11590
Others	6123	1418	476	8017	4652	589	117	5358	13375
Total	371597	62408	8972	442977	253729	27605	4842	286176	729153*

*This excludes enrolment of students in :

- 1) Central universities located in West Bengal, State aided universities attached to the Deptts of Law, Agriculture, Animal & Fishery Sciences and Health & Family Welfare.
- 2) Central Institutes/Institutes managed by Central Agencies etc. located in West Bengal (e.g. ISI, Baranagar, IIM, Joka etc).

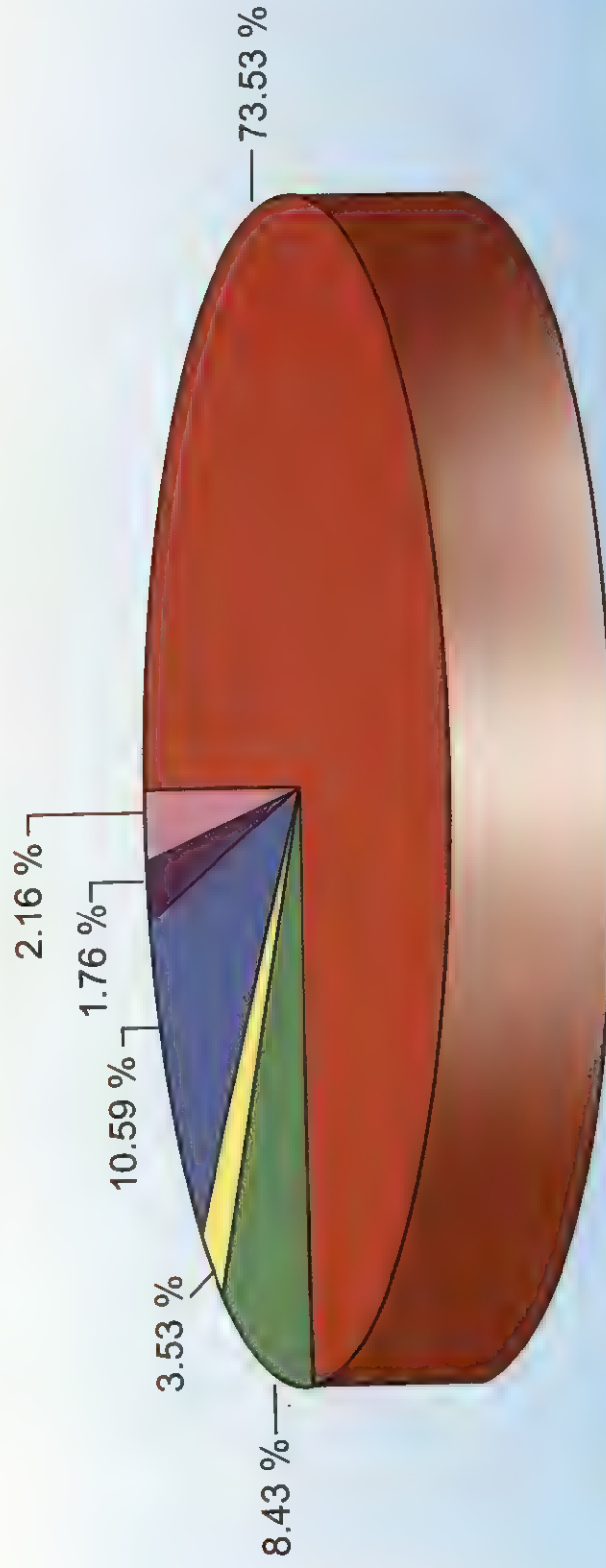
I. NATIONAL SERVICE SCHEME :

There are two broad categories of work done by the N.S.S. volunteers (i) Regular activities and special camping programmes. All the N. S. S. units under different Universities have undertaken regular activities and special camping programme as usual. An in other years, many N.S.S. volunteers from West Bengal also participated in the National level N.S.S. camps, particularly in the National Integration Camps held elsewhere in India and brought a number of laurels.

It is a matter of great satisfaction that Sri Sachidananda Roy, recipient of Indira Gandhi N.S.S. National award as a volunteer for the year 2004-2005 was selected for 18th ship for "World - Youth Programme" by the ministry of Youth affairs and sports and visited Japan on and from 9th Jan. 2006 to 3rd March, 2006.

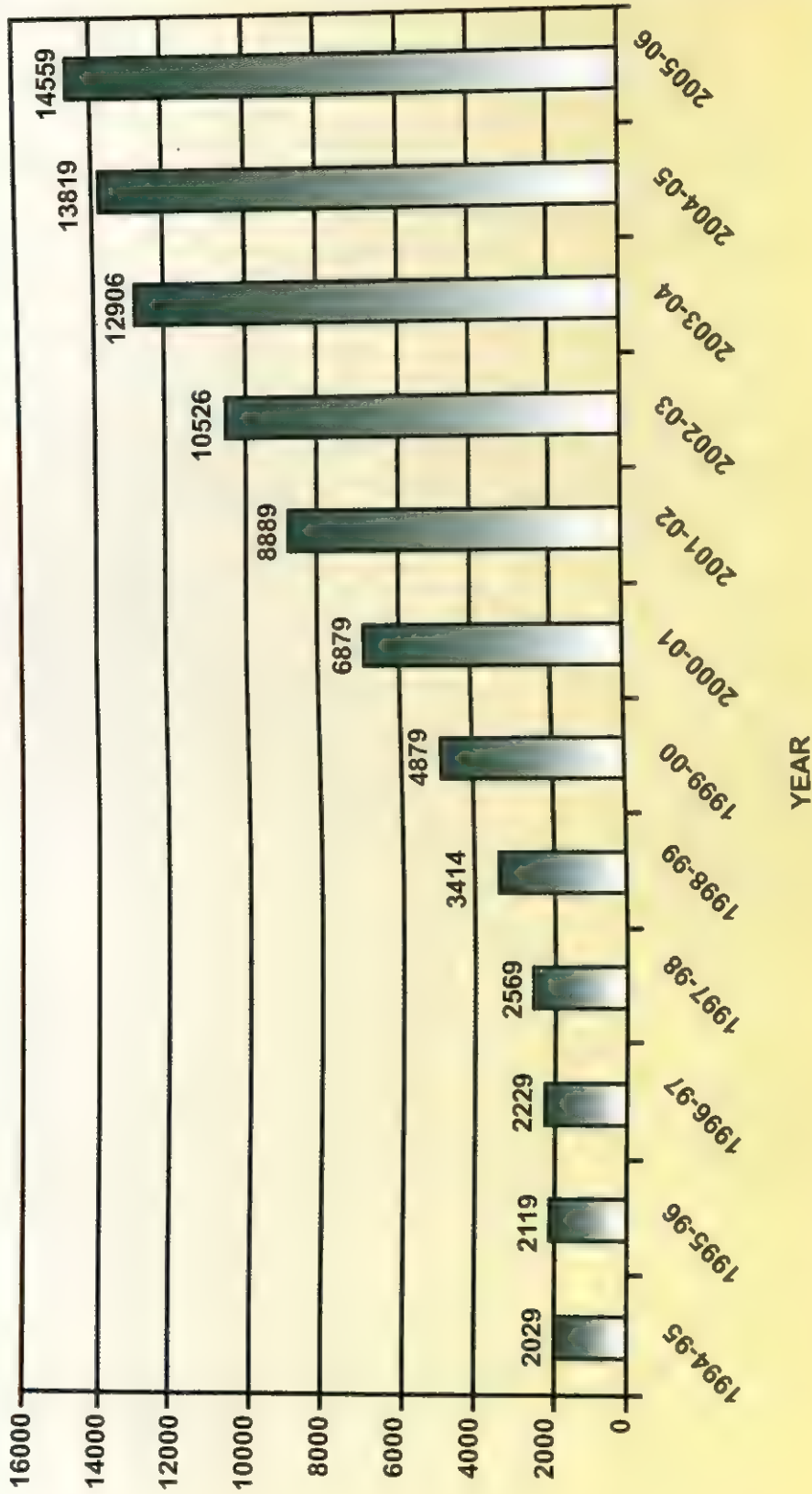
J. CHARTS / GRAPHICAL REPRESENTATION OF GROWTH OF COLLEGES ETC.

PERCENTAGE OF DISTRIBUTION OF DIFFERENT CATEGORIES OF COLLEGES

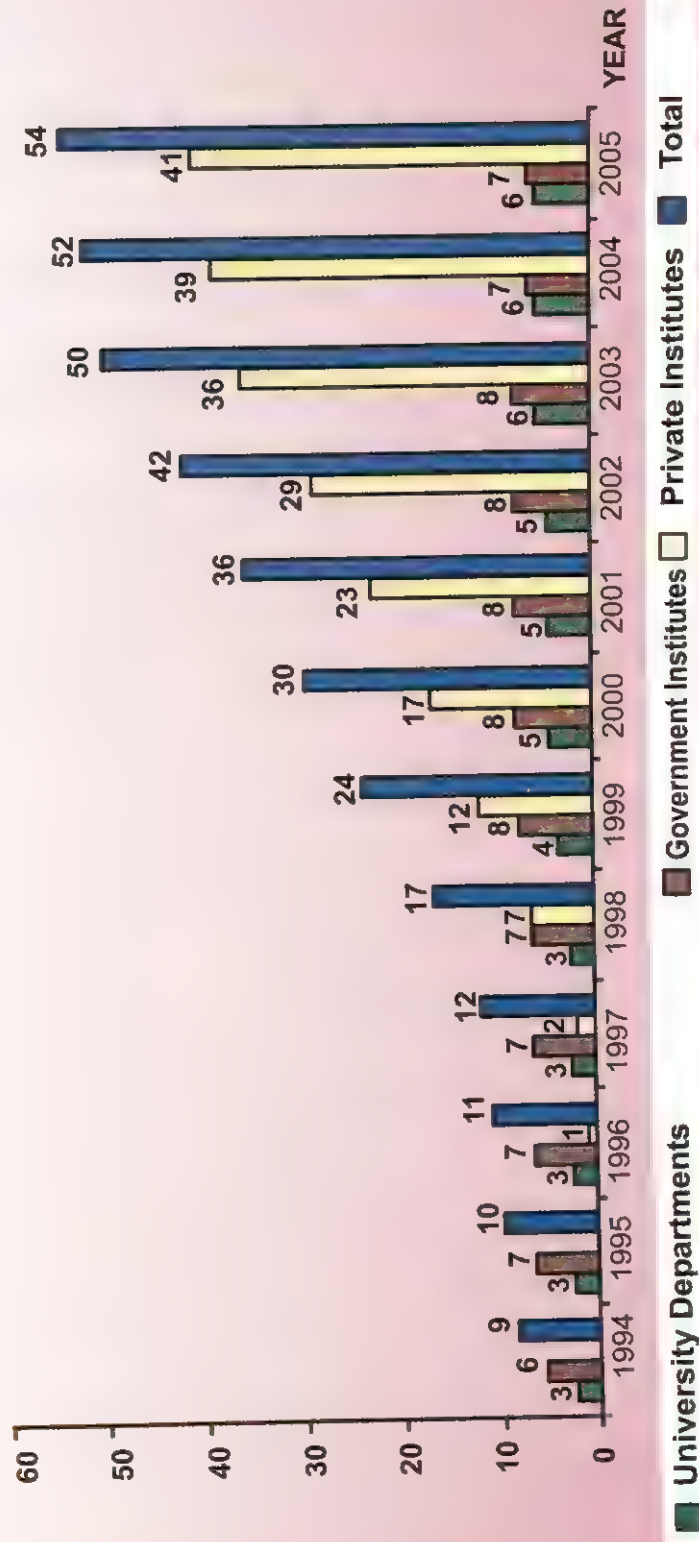


- General Degree Colleges
- Teachers Training including Education and Physical Education
- Law Colleges
- Engineering & Technology Colleges
- Management Colleges
- Art, Music, Home Science, Colleges and Special Institutions

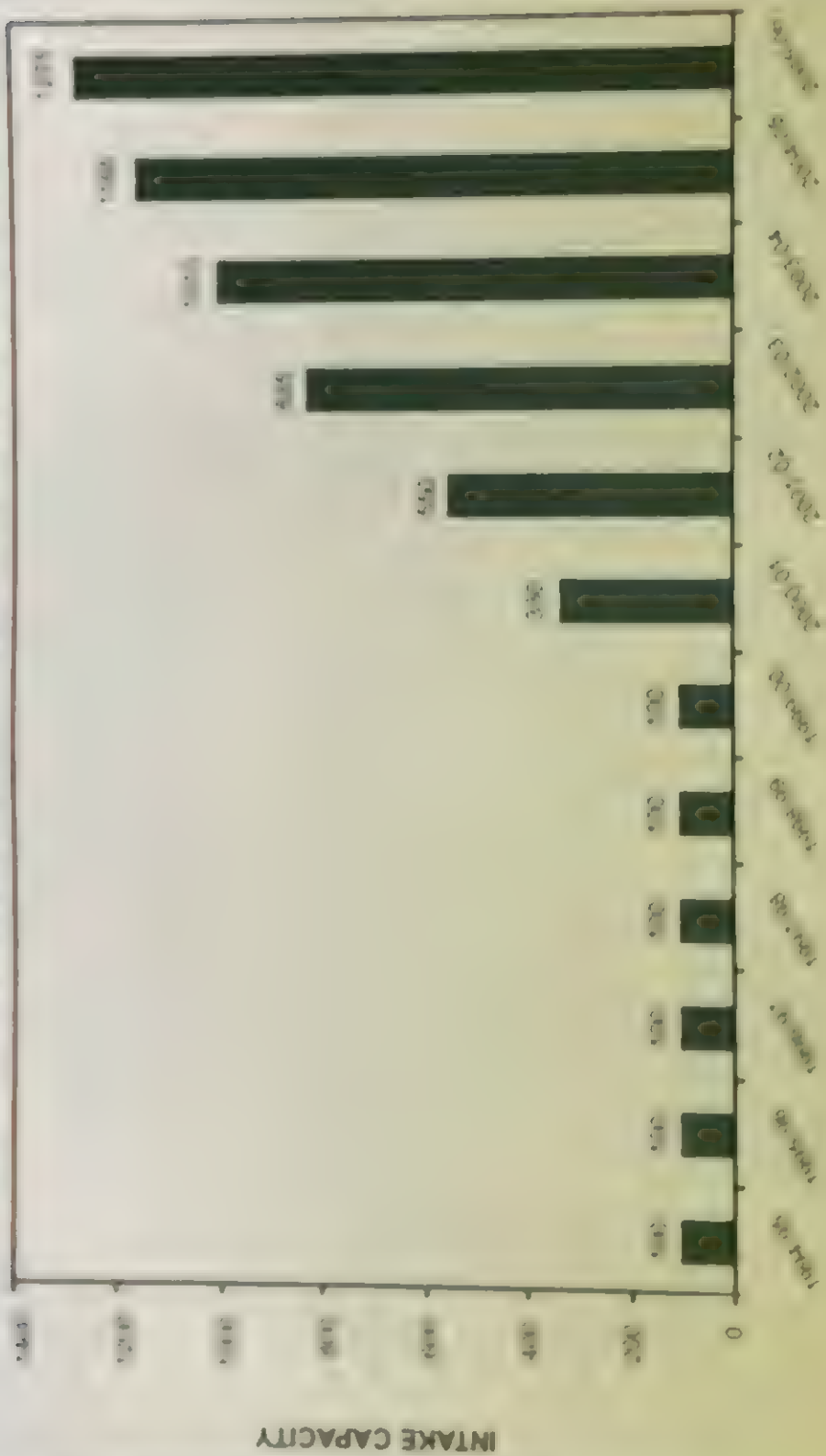
YEARWISE GROWTH OF INTAKE CAPACITY IN B.E/B.TECH COURSES



Growth of Engineering & Technology Institutes and University/ University Departments offering B.E/B.Tech Courses in the State of West Bengal



YEARWISE GROWTH OF INTAKE CAPACITY IN MCA COURSE



CHAPTER - 2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 *Introduction*

2.2 *Administrative set up*

2.3 *Functionaries in the Department of Higher Education*

2.4 *Universities and other important Organisations/Institutions attached to the Deptt of Higher Education*

CHAPTER – 2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 INTRODUCTION

This report is being published for the 14th year in succession. It presents the status of higher education in the state of West Bengal. It describes in particular, the activities of the Department of Higher Education of the Government of West Bengal for the year 2005-2006. It also contains an account of the activities of different organisations and institutions attached to the Department of Higher Education as furnished by the organisations/institutions themselves. However, the report does not provide information on other departments concerned with education. The report does not have any relevance as a Government Order or official policy pronouncement.

PRESENT STATUS

The Higher Education Department is the successor to the erstwhile Department of Education. The Department of Mass Education Extension was carved out of the Department of Education to deal with, among other things, the subject of adult education, in terms of Notification No 5106-A.R. dated the 21st April, 1988. The Department of Technical Education & Training was similarly created in terms of Notification No 16129-A.R. dated the 29th June, 1991. The Polytechnic institutions which had so long functioned under the Higher Education wing of the erstwhile Education Department were taken over by the newly created department. Finally, the Education Department was abolished and in its place were created two departments, namely, the School Education Department and the Higher Education Department in terms of Notification No 670-Home (Cons) dated, the 8th Nov, 1995.

2.2 ADMINISTRATIVE SET UP

The highest executive of the Higher Education Department is the Minister-in-Charge of the Department.

The Principal Secretary is the official head of the Department of Higher Education. He is assisted by Special Secretaries, Joint Secretaries, Deputy Secretaries, Assistant Secretaries and Officers on Special Duty. The Principal Secretary also functions as the Secretary to the Chancellor of the State Universities connected with the Department.

ADMINISTRATIVE SET UP

The Department of Higher Education is comprised of a number of branches and cells, namely, Establishment Branch, Budget Branch, University Branch and Chancellor's Secretariat, Non-Govt. College Branch, Govt. College Branch, Appointment Branch, N. C. C. Branch, Technical Education Branch, Archives Branch, Miscellaneous and Social Education Branch, Pension Cell, N. S. S. Cell, Vigilance Cell, Audit Cell and Computer Cell.

EDUCATION DIRECTORATE

The commitment of the Department of Higher Education in financial and administrative matters of the Colleges (Govt. and Non-Govt.) is carried out through the Education Directorate. The Directorate is headed by the Director of Public Instruction who is also an ex-officio Secretary to the Govt. of West Bengal.

The D.P.I. is assisted by Addl. Directors of Public Instruction (A.D.P.I) and Joint Directors of Public Instruction (J.D.P.Is), Deputy Directors of Public Instruction, Asstt. Director of Public Instruction. The sections of the Education Directorate which deal with various matters related to the Colleges include Appointment, College (Non-Govt. and Govt.), Pay Packet (PPS), U.G.C., Training, Accounts, Physical Education, Scholarships & Stipends, Planning & Statistics (P & S), Social Education, Hindi Education, National Cadet Corps (N.C.C.) and Law. There are also some special cells under the Directorate, namely, Audit Cell, Law Cell, etc. The sectional activities are performed under the supervision of different JDPis, DDPIs. Besides, there are Accounts and Administrative Officers who supervise functions like release of pay packet, grants, pension, drawal of salaries etc.

DISTRICT LEVEL ADMINISTRATION

There are three Regional Education Offices under the Education Directorate located in Calcutta, Chinsurah and Jalpaiguri, controlling Presidency, Burdwan and Jalpaiguri divisions respectively. Deputy Regional Education Officers (D.R.E.O.) are in charge of these three offices now. They have the status of an Jt..D.P.I. The D.R.E.O.s assist the D.P.I. in the supervision of the Non-Govt. Colleges. The D.R.E.O., Jalpaiguri also releases the pay packet for colleges in all the districts of Jalpaiguri division excepting Malda district.

DIRECTORATE OF TECHNICAL EDUCATION

The Higher Education Department exercises administrative and financial control over the engineering and technological colleges in this State through the Directorate of Technical Education which is headed by the Director of Technical Education (D.T.E.). The D.T.E. is assisted by a Joint Director of Technical Education, Deputy Directors of Technical Education, Assistant Directors of Technical Education and other staff members.

THE WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

It was established in 1994 with a view to assisting the Department in formulating policy and implementation of certain matters entrusted to it. The office bearers of Council have also been assigned certain statutory functions under the West Bengal Prohibition of Ragging in Educational Institutions Act, 2000. Minister-in-charge of the Department is the Chairman of the Council.

WEST BENGAL COLLEGE SERVICE COMMISSION

The Commission came into existence in 1979. It prepares merit panels of candidates eligible for recruitment to the posts of Lecturer in different subjects in non-government colleges affiliated to the universities of West Bengal. It also recommend candidates for appointment in the vacant posts of Principal in these colleges. The Commission also organises State level Eligibility Test (SLET) for Lecturership in Universities and Colleges.

WEST BENGAL DISTRICT GAZETTEERS

This wing of the Department publishes or reprints the Gazetteers of different districts of West Bengal, the State Gazetteer and allied literature.

PASCHIM BANGA HINDI ACADEMY

This Academy has been promoting education in Hindi in West Bengal since 1990.

STATE ARCHIVES

It is a specialised wing of the Department of Higher Education functioning as a repository of historical official records.

OTHER ORGANISATIONS / INSTITUTIONS

The organisations/institutes, which come under the administrative and financial jurisdiction of the Department of Higher Education in this State, are :

- (a) Ten State-aided Universities including newly upgraded Bengal Engineering & Science University,
- (b) Degree Colleges (including professional colleges like Engineering and Technological Colleges, Management, Law, Physical & Teacher's Education but excluding Medical, Veterinary, Dental and Agriculture Colleges),
- (c) Various Academic Institutes & Research Organisations of higher learning,
- (d) State Book Board,
- (e) Paschim Banga Hindi Academy,
- (f) Day Students' Homes.

ADMINISTRATIVE SET UP

AUTONOMOUS /VOLUNTARY ORGANISATIONS

Various autonomous/voluntary organisations engaged in the promotion of science, arts and culture and receive grants from the Department of Higher Education. (illustrative) :

- | | |
|--|--|
| (a) Bangiya Bignan Parishad. | (h) Indian School of Social Sciences. |
| (b) Bangiya Sahitya Parishad. | (i) Institute of Historical Studies. |
| (c) Centre for Studies in Social Sciences. | (j) Institute of Science, Education and Culture. |
| (d) Jagadish Bose National Science Talent Search. | (k) Netaji Institute of Asian Studies. |
| (e) Indian Association for the Cultivation of Science. | (l) Paschim Banga Itihas Samsad. |
| (f) Institute of Development Studies. | (m) Socio-economic Research Institute. |
| (g) R. K. Mission Institute of Culture. | |

2.3 FUNCTIONARIES IN THE DEPARTMENT OF HIGHER EDUCATION

Minister-In-Charge	Prof. Sudarsan Raychaudhuri	2334-6181 (D) Ext. 3011, 3012 Fax-2337-3277
Private Secretary	Shri Amalesh Pathak, WBCS (Exe.)	
Confidential Assistant	Shri Prasanta Dey	

DEPARTMENT OF HIGHER EDUCATION

Principal Secretary	Shri K. Sathiavasan, IAS	Overall charge of the Deptt.	2337-8573 (D) Ext. 3091 Fax-2358-7266 E.mail : pshe@wb.nic.in
Special Secretary	Shri Sabyasachi Roy, IAS	Budget, Audit Matters, Social Education Branch, Technical Branch, DTE's Establishment, BE College & W.B. University of Technology, World Bank Schemes/ TEQIP, Assembly & Parliament Matters-Coordination, Overall Coordination among different Branches/Sections, State Gazetteers matters, State Archives	2337-6564 (D) Ext. 3092

Joint Secretary	Shri D.C. Chakrabarti, IAS	All matters relating to State-aided Universities including W.B. State Council of higher Education, All matters in respect of Chancellor's Secretariat, Coordination with GOI-HRD & UGC	2321-2550 (D) Ext. 3098
Joint Secretary	Shri M. Biswas, WBCS (Exe.)	All matters relating to Engineering and Mangement Colleges including B.E. College (Govt. portion), World Bank Scheme (TEQIP), the works of Computer Cell, Statistics/Annual Reports, Private Engg. & Management Institution, WBUT, Protocol.	2334-2605 (D) Ext.-3094 e-mail : manotosh_biswas@ yahoo.com
Deputy Secretary	Shri M. K. Bhattacharyya WBSS	Appointment Branch (Government Colleges) Government Colleges Branch. DPI's Establishment.	2321-0069 (D) Ext.-3065
Deputy Secretary	Shri Swaraj Ghosh WBSS	Establishment Branch. Reservation, including OBC, SC, ST, Disability. Pension Cell, Vigilance Cell, Public Grievance Cell, Rabindra Rachanabali Cell.	2337-6740 (D) Ext. 3024
Deputy Secretary	Shri K. K. Bhowmick WBSS	Social Education Branch, Budget Branch, Assembly & Parliament matters and coordination, Internal Audit, Rabindra Rachanabali Cell.	Ext.-3023
Deputy Secretary	Shri Jitendra Nath Bhattacharya WBCS (Exe.)	C. S. Branch. establishment of new colleges including B.Ed Colleges but excluding Technical Colleges. All College Service Commission matters reservation policy, Introduction of new courses in colleges. NAAC matters, Educational Training - BEd/ MEd/NCTE, Special Cells like law, Education etc.	2321-0058 (D) Ext.-3102

ADMINISTRATIVE SET UP

Assistant Secretary	Shri Subal Kumar Chakrabarti	Appointment Branch (Government Colleges) Government Colleges Branch. DPI's Establishment	Ext.-3066
Assistant Secretary	Sm. Krishna Adhya	All matters relating to Engineering Colleges, IIIT including B.E. College (Govt. portion), World Bank Scheme (TEQUIP).	Ext.-3074
Assistant Secretary	Vacant	All matters relating to establishment for all Universities including W.B. State Council of Higher Education Policy, B.E. College (D.U.), W.B.U.T. etc.	Ext.-3072
Assistant Secretary	Shri Bipul Kumar Roychowdhury	Establishment Branch.	2321-1216 (D) Ext.-3062
State Liaison Officer (NSS)	Dr. A. N. Dey	N. S. S. matters.	2334-4734 Ext.-3157
Registrar	Shri Subir Das	Establishment, Parliamentary and Assembly matters, Reservations of ST/SC/OBC etc.	2321-1216 (D) Ext.-3068
O. S. D.	Shri N. G. Mondal	Establishment Branch.	2321-1216 (D) Ext.-3067
O. S. D.	Vacant	Integrated Law Cell (Law matters, Court Cases etc.)	Ext.-3155
O. S. D.	Shri Bijan Sarkar	Chancellor's Secretariat	Ext.-3080
O. S. D.	Shri Ajit Das	University Branch	Ext.-3078
O. S. D.	Vacant	Technical Branch	Ext.-3067
O. S. D.	Shri Zafar Ahmed	C. S. Branch	Ext.-3081
O. S. D.	Shri Joydev Mukhopadhyaya	Appointment Branch	Ext.-3064
Accounts Officer	Shri A. N. Mukhopadhyay WBA & AS	Public Accounts Committee and Audit Cell, Budget Branch.	Ext.-3090
Accounts Officer	Shri A. P. Bhattacharyya WBA & AS	Audit - PAC matters	Ext.-3043

EDUCATION DIRECTORATE

Director of Public Instruction & Ex-officio-Secretary	Dr. Subha Sankar Sarkar	Overall charge of the Directorate	2337-8269 Ext 3242
Additional D. P. I. (Administration)	Dr. Tapan Kumar Karpha	Govt. Colleges; Administration of the Directorate	2334-3980 Ext 3263
Addl. D.P.I. (Physical Education) and State Liaison Officer (NSS) (Addl. charge)	Dr. Atindra Nath Dey	Physical Education & NSS matters	2334-4734 Ext 3149 M : 9830524148
Joint D. P. I. (Pay Packet Section)	Dr. Debesh Roy	Pay Packet of some Non-Govt. colleges	2334-0070 Ext 3261
Joint D. P. I. (UGC)	Dr. Asis Kr. Mukherjee	Service matters of some Non-Govt. colleges Planning and Statistics	Ext 3153 M : 9830401746
Joint D. P. I. (Hindi)	Dr. Alakananda Bhattacharya	Hindi Education; Hindi Academy	2219-1277 M : 9830301746
Joint D. P. I. (UGC) & Law Officer	Dr. Ram Narayan Mukhopadhyay	Service matters of some Non-Govt. colleges; Law affairs of the H. E. Deptt.	2334-3004 Ext 3274
Joint D. P. I. (NGC)	Dr. Madan Mohan Majumdar	Service matters of some Non-Govt. colleges; D.D.O	Ext 3150 M : 9433361884
Addl. D. P. I. (Training)	Dr. Pranab Krishna Choudhury	Training Colleges, Pay Packet of some Non-Govt. colleges	Ext. 3148 M : 9830283561
Joint D. P. I. (UGC)	Dr. Bandana Chakraborty	Service matters of some Non-Govt. colleges	2334-0069 Ext 3152
Deputy D. P. I. (NGC)	Dr. Debdarpan Khan	Service matters of some Non-Govt. colleges	Ext 3150 M : 9932350084
Joint D. P. I. (UGC)	Shri Sandip Pandit	Supervision of some Non-Govt. colleges	Ext 3154 M : 9433304096

ADMINISTRATIVE SET UP

D.R.E.O. (Presidency Division) & Ex-officio Joint D. P. I.	Shri Jayanta Joy Chattopadhyay	Supervision of some Non-Govt. colleges, CAS of Govt. Colleges	Ext 3161 M : 9830252092
D.R.E.O. (Burdwan) & Ex-officio Joint D. P. I.	Dr. Ashis Ghosh	Supervision of some Non-Govt. colleges	2680-5188
D.R.E.O. (Jalpaiguri) & Ex-officio Joint D. P. I.	Shri Krishna Deb Goswami	Supervision of some Non-Govt. colleges; Pay Packet of some Non-Govt. colleges	(03561) 230281
Deputy D. P. I. (NCC) and Deputy D. P. I. (Scholarship & Stipend) (additional charge)	Shri Subrata Ghosh	NCC matters and Scholarship & Stipend	Ext 3157 M : 9433271418
Administrative Officer	Vacant	To assist in administrative matters	Ext 3155
Deputy Director (Accounts) of Public Instruction	Shri Hirak Mukhopadhyay	Management of Fund of Endowment Trusts and Mohsin Endowment Fund; P. F. Loans and Advances and other financial matters	Ext 3159 M : 9433107151
Deputy Director (Accounts) of Public Instruction	Shri Joydev Pal	Sanction of pension to Non-Govt. college teachers and other staff	Ext 3281
Deputy Director (Accounts) of Public Instruction	Shri Braja Gopal Chowdhury	Pay packet of some Non-Govt. Colleges	Ext 3281
Assistant Director (Audit & Accounts) of Public Instruction	Shri Sachindra Nath Roy	Pay packet of some Non-Govt. Colleges	Ext 3281
Assistant Director of (Audit & Accounts) of Public Instruction	Smt. Bhaswati Dwibedi	Scholarship & Stipend matters	Ext 3272

Assistant Director of Public Instruction (Accounts)	Shri Sajal Baran Manna	Pay packet of some Non-Govt. Colleges	Ext 3261
Accounts Officer (Internal Audit Cell)	Shri Kalyan Kumar Nandi	Release of pay packets for sponsored colleges and training colleges; Audit of colleges under the control of DPI	Ext 3156
Accounts Officer (Internal Audit Cell)	Shri Sisir Ranjan Palit	Release of pay packets for sponsored colleges and training colleges; under the control of DPI	Ext 3156
P. A. To D. P. I.	Shri Alokejyoti Ray	To assist DPI in general matters and attending to Leave files of non-gazetted staff in the Directorate	Ext 3158 M : 9831259018

DIRECTORATE OF TECHNICAL EDUCATION

Director of Technical Education & Head SPFU - World Bank Project	Dr. Sajal Dasgupta	All matters pertaining to Higher Technical Education in the State.	2334-7077 2321-2608 (D) Ext. - 3225 FAX 2334-7077
Joint Director	Dr. A. Basu	Engineering & Technology Colleges, Establishment & Law matters, Inspections, etc.	2334-5817 (D)
Officer- on-Special Duty (Jt. D.T.E.)	Shri P. K. Das	Government & Private Engineering Colleges, Inspections, etc.	Ext. 3217
Deputy Director of Technical Education	Shri P. Das	Private Engineering & Technological Colleges, Statistics, Data Processing through Computer, AICTE matters, Publication, etc.	Ext. 3214

ADMINISTRATIVE SET UP

Assistant Director of Technical Education	Shri M. Deb	Private Management Institutions different correspondences with Government and external agencies (except AICTE), movement of Departmental files, Miscellaneous matters of DTE and Inspection.	
Assistant Director of Technical Education (Audit & Accounts)	Shri Ashutosh Bose	Budget, Accounts and Financial Matters, Drawing & Disbursing officer.	Ext. 3220
Administrative Officer	Sirajul Islam Sarkar	Office Administration including attendance, leave, etc.	Ext. 3213
P.A. to D.T.E.	—	Miscellaneous works of D.T.E as and when arises.	Ext. 3213

WEST BENGAL DISTRICT GAZETTEERS

State Editor	Shri S. Roy, IAS	Overall charge of the office	2334-5400 2337-6730 Ext. 3126
Deputy State Editor	Vacant		
Asstt. Editor	Amit Kumar Datta	D. D. O.	2334-7714
Research Officer (3 posts)	Dr. S. Lodh	Research Work	Ext. 3181
One post vacant	Shri D. G. Mukhopadhyay	Research Work	

WEST BENGAL STATE ARCHIVES

Director	Dr. Basudeb Chattopadhyay	Overall charge of the office	2241-3966 2281-0661
Deputy Director	Dr. Udayan Mitra	Establishment	2214-5600 2214-1339 Ext. 4022
Assistant Director	Smt. Aradhana Ghosh	Historical Section	2241-1044 2214-1339 Ext. 4022
Assistant Director	Smt. S. Guha Thakurata	New functional building	2281-0661 Ext. 4022
Chief Archivist	Shri Subodh Ch. Das	Historical Section	2214-5600 2214-1339 Ext. 4022
Chief Archivist	Dr. Ananda Bhattacharjee	Historical Section	2281-0661

2.4 UNIVERSITIES AND OTHER IMPORTANT ORGANISATIONS/INSTITUTIONS ATTACHED TO THE DEPTT. OF HIGHER EDUCATION

WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

Vice Chairman	Prof. Subimal Sen	Ph. 2466-0209
Member-Secretary	Vacant	
Jt. Secretary	Dr. Jibendu Roy	Ph. 2466-1005 Fax : 2466-0209

VICE-CHANCELLORS OF THE UNIVERSITIES

Calcutta University	Prof. Ashish Kr. Banerjee.	Ph : 033-2241-3288 Fax : 033-2241-3222
Jadavpur University	Prof. A.N. Basu. <i>অনন্ত কান্তি</i>	Ph : 033-2414-6000 Fax : 033-2413- 7121
Rabindra Bharati University	Prof. Bharti Mukherjee.	Ph : 2556-8019 Fax : 2556-8079
Burdwan University	Prof. Amit Kumar Mallik	Ph : (95342)-2532900 Fax : (0342)-2530452
Kalyani University	Prof. Arabinda Kr. Das	Ph : (033) 2582-8690 Fax : (033) 2582-8282
Vidyasagar University	Prof. Swapan Kr. Pramanik	Ph : 953222-275329 Fax : 953222-264338
North Bengal University	Prof. Pijush Kanti Saha	Ph : (0353) 2581255 Fax : (0353) 2581546
West Bengal University of Animal & Fishery Sciences	Dr. A. K. Bandyopadhyay	Ph : (033) 2556-3450 Fax: 091-033-2557-1986
Bidhan Chandra Krishi Viswavidyalaya	Prof. D. K. Bagchi	Ph : 2587-9772, 953473-222666 Fax : 03473-222275
Uttar Banga Krishi Viswavidyalaya	Dr. Mrinal Mazumder	Ph. : 03582-270249/270141 Fax : 03582-270249/270726
West Bengal University of Health Sciences	Prof. S. Majumder	Ph : 033-2321-5388 Fax : 2321-5389

ADMINISTRATIVE SET UP

Visva Bharati (Central) University	Prof. Sujit Basu	Ph : 953463-252451 Fax : 953463-252672
Bengal Engineering and Science University	Dr. Nikhil Ranjan Banerjee	Ph : 2668-2916 Fax : 2668-4564
Netaji Subhas Open University	Prof. Surabhi Banerjee	Ph : 033-2287-1056 Fax : 2287-1082
The W.B. National University of Judicial Sciences	Prof. B. S. Chimni	Ph: 2335-0534/7379 Fax : 033-2335-7422
The West Bengal University of Technology	Prof. A. R. Thakur	Ph : 033-2321-7578 Fax : 2321-7578
Ramkrishna Mission Vivekananda Education And Research Institute (RKMVERI) (Deemed Univeristy Under UGC Act)	Swami Atmapriyananda	Mobile : 98302-16636 Telefax : 033-2654-9999

DIRECTORS OF ACADEMIC BODIES / INSTITUTES / WINGS

Director, Netaji Institute for Asian Studies	Dr. Suranjan Das	Ph : 2247-3145
Director, State Archives	Dr. Basudeb Chattopadhyay	Ph : 2241-3966
Institute of English	Dr. Sanghita Sen	Ph : 2466-3039
Secretary, Paschim Banga Hindi Academy	Dr. Alakananda Bhattacharya	Ph : 2219-1277
Director, Regional Centre of Indira Gandhi National Open University (IGNOU)	Dr. Sujit Kr. Ghosh	Ph. & Fax : 2334 9850/7576
Director & Regional Officer, Eastern Region, AICTE	Dr. Surjit Angra	Ph : 2335-7459 Fax : 2335-9546

CHAIRMAN / CHIEF EXECUTIVE OFFICER / SECRETARY OF BOARDS / COMMISSION

West Bengal College Service Commission, Chairman	Prof. Ajit Kumar Banik.	Ph & Fax : 2241-4679
Board of Joint Entrance Examination, Chairman	Dr. Nikhil Ranjan Banerjee	Ph : 2668 4890 Fax : 9133-2668-4676
West Bengal State Book Board, Chief Executive Officer	Prof. R. Bhattacharyya	Ph : 2236-7854

UNIVERSITIES AND ORGANISATIONS

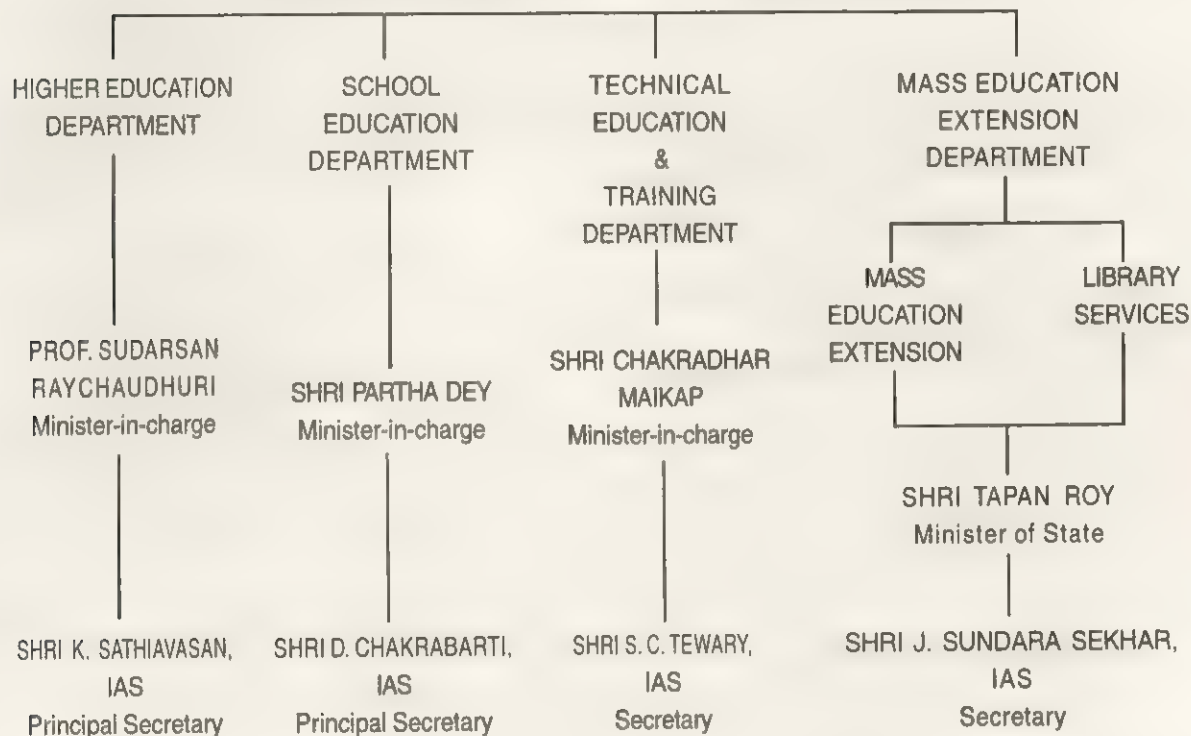
Calcutta University	: PABX-033-2241-0071/4984
Vice-Chancellor	: 033-2241-3288 R-033-2574-7474 Fax : 033-2241-3222
Pro. Vice-Chancellor (Academic)	: 033-2241-0071/4984 R-033-2358-2389
Pro. Vice-Chancellor (Finance)	: 033-2241-4984
Registrar	: 033- 2241-0071/4984 R-033-2410-6741
Jadavpur University (Main Campus)	: 033-2214-4984
Vice-Chancellor	: 033-2414-6000 R-2483-8375
Pro. Vice-Chancellor	: 033-2414-6001 R- 2476-8343
Registrar	: 033-2414-6414 R-2418-4903
Rabindra Bharati University (B. T. ROAD CAMPUS)	: PBX-(033) 2556-8019/2543 Fax : 2556-8079
Jorasanko Campus	: 2269-6601/5241/6610/5242
Vice-Chancellor	: 2556-8079/239-1328 Fax : 2556-8079 R-2455-1210
Registrar	: 033-2556-2543
Burdwan University	: EPABX(0342)-2533-913/914, 2533-917 Fax (0342) -2530-452 TelCode Burdcity
Golap Bag	: EPABX(0342)-556-549, 556-566, 558-554
Vice-Chancellor	: (0342) 2532-900 Extn. 225 R-2532-319 Extn. 223 R-2557715 (Krishnapur)
Registrar	: (0342) 2530300/Extn. 211/R-2530526 Extn : 212
Kalyani University	: (033) 2582-8750
Vice-Chancellor	: (033) 2582-8690 Fax : 2582-8282
Registrar	: (033) 2582-2505 Fax : 2582-2505
North Bengal University	: (0353) 258-1255/2099, Fax : (0353) 258-1212
Vice-Chancellor	: (0353) 2581-255 Fax : 2581-546 Qtr : 2581-324 R-2431-8700/2273
Registrar	: (0353) 2582-099 Fax : 0353-2581-212
Vidyasagar University	: PBX: 953222 60554
Vice-Chancellor	: (953222) 275329 Fax : 62329 557-1611 (Kolkata)
Registrar	: (953222) 275-329 R - 03222-275297

ADMINISTRATIVE SET UP

Bidhan Chandra Krishi Viswavidyalay (Mohanpur, Nadia)	: Ph. 033-2587-9772/8163, Fax : 033-2587-8163
Vice-Chancellor	: 2587-9772 Fax : 03473-222275 R – 03473 222444
Registrar	: 2585-8163
University of Animal and Fishery Sciences	: (033)-2556-3450/3396
Vice-Chancellor	: 033-2556-3450/255 Fax : 2557-1986 R.-2558-8748
West Bengal University of Health Sciences	: (033)-2556-3450/255 Fax : (033)2358-0100
Vice-Chancellor	Ph. : 2321-5388 Fax : 2321-5389
The W. B. National University of Judicial Sciences	: (033) 2335-0534/0765 Fax : (033) 2335-0765
Vice-Chancellor	Ph. : 2335-0534/7379 Fax : 033-2335-7422
Bengal Engineering and Science University	: (033) 2668-2674/1503 Fax : (033) 2668-4564
Vice-Chancellor	: 2668-2674/2916 Fax : 2668-4564/668-2916
Registrar	: 2668-1503
Netaji Subhas Open University	: 033-2287-1056/2666
Vice-Chancellor	: 2287-0157 Fax : 2287-1082 R
Registrar	: 2287-0159
West Bengal University of Technology	: 2281-1907/1908
Vice-Chancellor	Tel & Fax : 23217578 (O), R-23596287
Registrar	: 2321-1327
Uttar Banga Krishi Viswa Vidyalyaya.	: 03582-270-143/157 Fax : 03582-270-249
Vice-Chancellor	: 03582-270249
Ramkrishna Mission Vivekananda Education And Research Institute (RKMVERI) (Deemed Univeristy Under UGC Act)	Telefax : 033-2654-9999
Vice-Chancellor	Mobile : 98302-16636, E-mail : rkmveri@gmail.com, atmapiyananda.com
Visva Bharati	: (953463) 52-751, 52756
Vice-Chancellor	: (953463) 52451/52481 Fax : 52672
Public Service Commission	
Chairman	: 2466 0546/1540
Secretary	: 2466-2895
State Minority Commission	
Chairman	: 2439 8877/ Res. 2284 5437

Indira Gandhi National Open University (Regional Office) Bikash Bhaban, Salt Lake	: 2334-7576 Fax. 2334 9850
Director	: 2334-9850/7576
UNIVERSITY GRANTS COMMISSION	: 2335- 4767/335- 47688-0586/4767
Eastern Regional Office	Website : www.ugc.sc.in
Urdu Academy	: 2244-8450

EDUCATION IN GOVERNMENT OF WEST BENGAL



ADMINISTRATIVE MANAGEMENT

DEPARTMENT OF HIGHER EDUCATION

PRINCIPAL SECRETARY
|
SPECIAL SECRETARY
|
JOINT SECRETARIES
|
DEPUTY SECRETARIES
|
ASSISTANT SECRETARIES
|
OFFICER ON SPECIAL DUTY
|
SECTION OFFICER/HEAD ASSTT.
|
ASSISTANT

EDUCATION DIRECTORATE

DIRECTOR OF PUBLIC INSTRUCTION (DPI)
& EX-OFFICIO SECRETARY
|
ADDITIONAL DIRECTORS
|
JOINT DIRECTORS
|
DEPUTY DIRECTORS
|
DEPUTY REGIONAL EDUCATION OFFICERS
|
┌───────────┴───────────┐
ADMINISTRATIVE ACCOUNTS P.A. TO DPI
OFFICER OFFICERS
|
HEAD ASSISTANTS

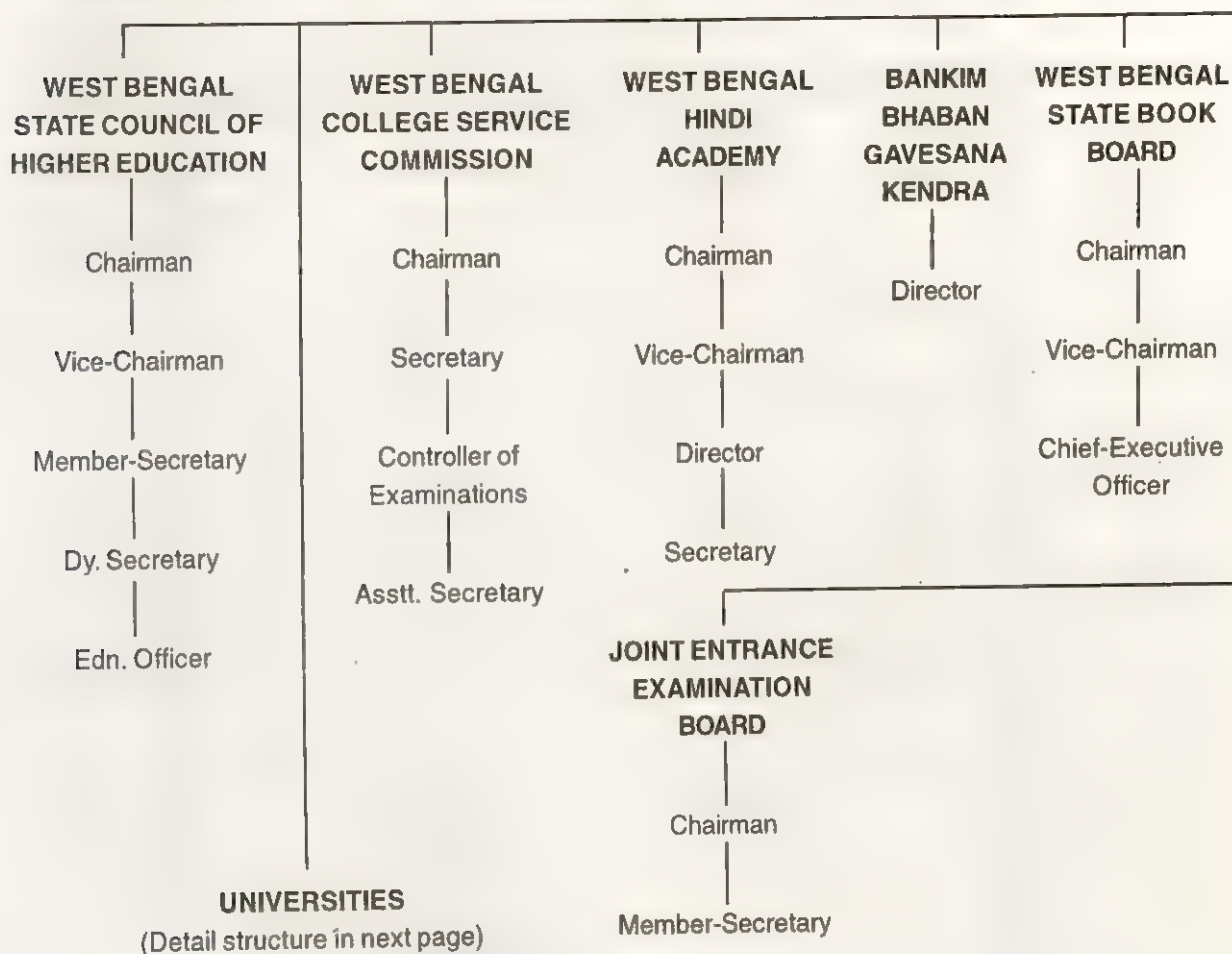
DIRECTORATE OF TECHNICAL EDUCATION

DIRECTOR
|
ADDITIONAL DIRECTOR
|
JOINT DIRECTORS
|
DEPUTY DIRECTORS
|
ASSISTANT DIRECTORS
|
ACCOUNTS OFFICER
|
AUDIT OFFICER
|
P.A. TO D.T.E.
|
HEAD ASSISTANTS AND
SECTION-IN-CHARGE

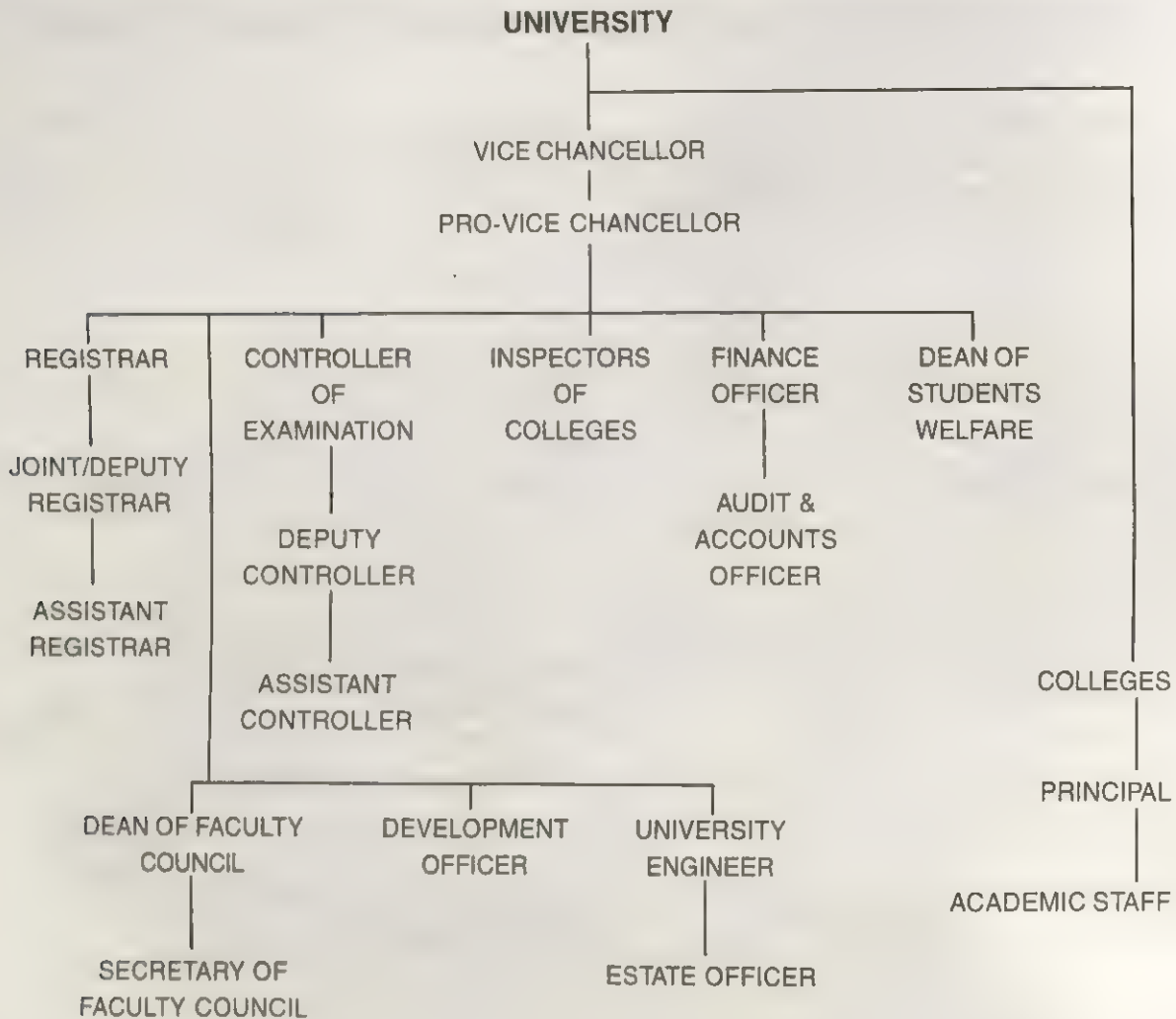
WEST BENGAL DISTRICT GAZETTEERS

STATE EDITOR
|
DEPUTY STATE EDITOR
|
ASSISTANT EDITORS
|
RESEARCH OFFICERS
|
┌───────────┴───────────┐
RESEARCH PUBLICATION OFFICE
ASSISTANTS ASSISTANT SUPERINTENDENT
|
HEAD CLERK

ORGANISATIONS ASSOCIATED WITH THE DEPARTMENT OF HIGHER EDUCATION



ADMINISTRATIVE SET UP



CHAPTER – 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

- 3.1 *Introduction***
- 3.2 *Policies***
- 3.3 *Budget of the Higher Education
Department***
- 3.4 *Proposal for extension of affiliation to
new subjects in Non-Govt. General
Degree Colleges***
- 3.5 *Post Graduate courses in General Degree
Colleges***
- 3.6 *Technical Education***
- 3.7 *University Education***
- 3.8 *Non-Government Colleges***
- 3.9 *Government Colleges***
- 3.10 *Measures for quality improvement of
Higher Education***
- 3.11 *Scholarship and Stipend***
- 3.12 *Full and Half Free Studentship for the
Engineering & Technology Students***
- 3.13 *Physical Education***

CHAPTER – 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

3.1 INTRODUCTION

JU and BESU have been conferred the status of "Institutions of National Importance by UGC. Both the universities have been sanctioned special UGC grant. St. Xaviers College, Kolkata has been declared by NAAC to be the first autonomous college in West Bengal. Ramkrishna Mission Vivekananda Educational and Research Institute(RKMVERI) has been established as the 1st self financing (DU). Calcutta Madrasah celebrating its 225 years of establishment has been given the status of an autonomous college by the State Govt. Presidency, Scottish Church and Loreto College have earned the distinction to be the "Colleges with Potential for Excellence" by the UGC. Accreditation status of the colleges (by NAAC) has been improved substantially. Scope for Post Graduate education has been expanded in General Degree Colleges. The State Govt. has provided fund for the construction, repair and renovation of buildings, setting up of laboratories and new class rooms in the universities and colleges. The Government, as in previous years, approved the setting up of self financing colleges including non-government colleges under pay packet scheme and sanctioned the creation of teaching and non-teaching posts for these colleges. Govt. also created 1000 teaching posts in non-government colleges and provided funds for development of infrastructure. The West Bengal State Council of Higher Education took an active role in coordinating activities of the state universities and advised them on various issues relating to improvement in the quality of Higher Education in the State. For Qualitative improvement of technical education, State Govt. has sanctioned Rs.10 crore under World Bank Programme.

3.2 POLICIES

The following principles have guided the formulation and implementation of different programmes for higher education.

- (i) Expansion of access to higher education and decentralisation of power-base.

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

- (ii) Equity in educational opportunity and social justice.
- (iii) Consolidation and qualitative improvement of colleges and expanding the base of social relevance of higher education.
- (iv) Linkage of education to employment through vocationalization.
- (v) Emphasis on engineering and technological education with special reference to Information Technology and Bio-Technology.
- (vi) Diversification of subject compositions.
- (vii) Emphasis on Basic Science courses and scientific research.
- (viii) Emphasis at the same time on arts, culture, languages, physical education and humanistic values.
- (ix) Mobilisation of internal resources.
- (x) Accountability at all levels.

3.3 BUDGET OF THE HIGHER EDUCATION DEPARTMENT

The total budgetary provision excluding the provision under Central Scheme for the year 2005-2006 and 2006-2007 has been Rs. 721,94,92,000 and 805,54,31,000 out of which the amount provided in the Plan Budget was Rs. 10,32,00,000 and 35,00,00,000 respectively.

TABLE 1 : BUDGET ESTIMATE (2005-2006) AND (2006-2007) OF THE DEPARTMENT OF HIGHER EDUCATION AT A GLANCE

Amount in Rupees

Budget Heads	Budget Estimate 2005-2006		Budget Estimate 2006-2007	
	Non-Plan	State-Plan	Non-Plan	State-Plan
Assistance to Universities	2,34,23,62,000	1,78,00,000	2,73,51,88,000	5,16,80,000
Government Colleges and Institutes	52,40,13,000	2,07,25,000	61,62,63,000	6,57,50,000
Assistance to Non-Government Colleges	3,78,30,09,000	72,51,000	3,80,49,75,000	4,03,00,000
Institutes of Higher Learning and Other Expenditure	3,53,51,000	2,50,54,000	3,38,20,000	4,56,10,000
Promotion of Modern Indian Languages	39,41,000	24,50,000	47,13,000	57,45,000
Research, Scholarship, etc	10,47,58,000	5,20,000	15,04,94,000	1,01,20,000
Technical Education	27,17,60,000	1,69,70,000	29,51,40,000	10,38,20,000
Physical Education, & Youth Welfare (excluding N.C.C)	1,26,33,000	26,10,000	1,52,49,000	64,00,000
Promotion of Art & Culture	3,33,05,000	98,20,000	4,40,12,000	2,05,75,000
Surveys & Statistics-Gazetteer & Statistical Memories-3454-02-110-NP-002	51,60,000	—	55,77,000	—
TOTAL	7,11,62,92,000	10,32,00,000	7,70,54,31,000	35,00,00,000
GRAND TOTAL (Non-Plan + Plan)	7,21,94,92,000		8,05,54,31,000	

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

TABLE 1(A) : STATEMENT OF ANNUAL PLAN ALLOCATION FOR 2004-2005 AND EXPENDITURE INCURRED DURING 2004-2005

Rs. in lakhs

Head of Development	Outlay for 2004-2005	Revised Outlay for 2004-2005	Actual expenditure during 2003-2004 (Departmental)
1. Higher Education Department	-	-	-
2. Social Services Education, Sports and Youth Services, Arts & Culture			
i) General Education	452.20	1293.10	884.08
ii) Sports & Youth Services	9.45	32.95	26.02
iii) Arts & Culture	59.90	248.30	140.27
iv) Technical Education	*110.45	*1475.65	1254.25
Total Higher Education :	632.00	3050.00	2304.62

*Including TEQIP, Rs. 10 crore.

TABLE 2 : TOTAL BUDGET ESTIMATE OF THE DEPARTMENT OF HIGHER EDUCATION THROUGH THE YEARS

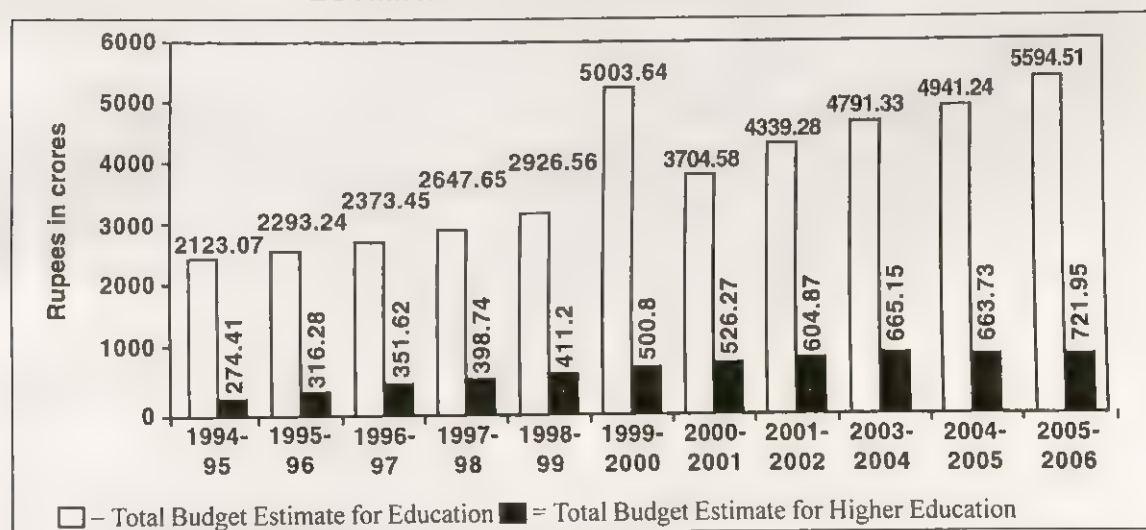
YEAR	AMOUNT IN RUPEES	AMOUNT IN RUPEES
	NON-PLAN	STATE PLAN
1995-96	2,93,28,21,000	23,00,00,000
1996-97	3,25,56,64,000	26,05,00,000
1997-98	3,63,71,16,000	35,00,00,000
1998-99	3,77,69,68,000	33,50,00,000 + 5,00,00,000 (loan)
1999-2000	4,57,79,78,000	33,00,00,000 + 10,00,00,000 (Loan from I.D.F.C.)
2000-2001	5,02,81,77,000	23,45,50,000 plus 21 crores by way of grant to local bodies Zilla Parishad for higher education
2001-2002	5,79,07,45,000	25,80,00,000 + 23.10 crores by way of grant to local bodies/Zilla Parishad for higher education
2002-2003	6,51,39,60,000	25,86,32,000
2003-2004	6,58,83,93,000	6,31,12,000
2004-2005	6,57,40,53,000	6,32,00,000
2005-2006	7,11,62,92,000	10,32,00,000

TABLE 3 : BUDGETARY POSITION OF HIGHER EDUCATION DEPARTMENT WITH REFERENCE TO THE TOTAL STATE BUDGET AND THE BUDGET FOR EDUCATION SINCE 1995-1996

(Rupees in crores)

YEAR	TOTAL STATE BUDGET	TOTAL B. E. ON EDUCATION	% OF B. E. ON EDUCATION WITH RESPECT TO STATE BUDGET	TOTAL B. E. FOR HIGHER EDUCATION	% OF B. E. OF HIGHER EDUCATION WITH REFERENCE TO B.E. ON EDUCATION	REMARKS
1995-96	11000.92	2293.24	20.84%	316.28	13.80%	
1996-97	12814.80	2373.45	18.52%	351.62	14.81%	
1997-98	14916.03	2647.65	17.75%	398.74	15%	
1998-99	16560.44	2926.56	17.67%	416.20	14.22%	
1999-2000	25034.42	5003.64	19.99%	500.80	10.01%	
2000-2001	24481.95	3704.58	15.13%	526.27	14.21%	
2001-2002	29238.96	4339.28	14.84%	604.87	13.94%	
2002-2003	30928.75	4770.31	15.42%	677.26	14.20%	
2003-2004	35344.62	4791.33	13.56%	665.15	13.88%	
2004-2005	38517.56	4941.24	12.83%	663.73	13.43%	
2005-2006	37770.10	5594.51	14.81%	721.95	12.90%	

PATTERN OF TOTAL BUDGET ESTIMATE FOR EDUCATION AND TOTAL BUDGET ESTIMATE FOR HIGHER EDUCATION



MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

TABLE 4 BUDGETARY ALLOCATION FOR EDUCATION WITH REFERENCE TO THE STATE BUDGET AND THE BUDGET FOR HIGHER EDUCATION WITH REFERENCE TO EDUCATION 2005-2006

Rs. in crores

Sl. No.	Particulars	2005-06	2006-07	2007-08	2008-09	2009-10
1	Higher Education	100.00	120.00	140.00	160.00	180.00
2	Technical Education	50.00	60.00	70.00	80.00	90.00
3	Medical Education	30.00	35.00	40.00	45.00	50.00
4	Other Education	20.00	25.00	30.00	35.00	40.00

2.0 DEMONSTRATION OF EXTENSION OF APPLICATION TO NEW SUBJECTS IN NON-SCIENTIFIC DEGREE COLLEGES FROM THE ACADEMIC YEAR 2006-2007

CALCUTTA UNIVERSITY

Sl. No. Details

Sl. No.	Name of College	Subject Recommended
1	Calcutta University College	English, Hindi, Bengali, etc.
2	Calcutta University College	Law, Economics & Political Science, History, Geography, etc.
3	Calcutta University College	Mathematics, Physics, Chemistry, etc.
4	Calcutta University College	Commerce, Accountancy, etc.

1	Business Meeting Tables	Table 10
2	Chairman's Table	Table 11
3	Guest Table	Table 12, Table 13, Table 14, Table 15, Table 16, Table 17
4	Table Numbering System	Table 18, Table 19
5	Site Preparation Group	Table 20 & Table 21, Table 22, Table 23, Table 24
6	Post-Event Site Group	Table 25 & Table 26, Table 27, Table 28, Table 29
7	Guest Meeting Tables	Table 30, Table 31, Table 32, Table 33
8	Guest Meeting Tables	Table 34, Table 35, Table 36, Table 37
9	Guest Meeting Tables	Table 38, Table 39, Table 40, Table 41
10	Guest Meeting Tables	Table 42, Table 43, Table 44, Table 45
11	Guest Meeting Tables	Table 46, Table 47, Table 48, Table 49
12	Guest Meeting Tables	Table 50, Table 51, Table 52, Table 53
13	Guest Meeting Tables	Table 54, Table 55, Table 56, Table 57
14	Guest Meeting Tables	Table 58, Table 59, Table 60, Table 61
15	Guest Meeting Tables	Table 62, Table 63, Table 64, Table 65
16	Guest Meeting Tables	Table 66, Table 67, Table 68, Table 69
17	Guest Meeting Tables	Table 70, Table 71, Table 72, Table 73
18	Guest Meeting Tables	Table 74, Table 75, Table 76, Table 77
19	Guest Meeting Tables	Table 78, Table 79, Table 80, Table 81
20	Guest Meeting Tables	Table 82, Table 83, Table 84, Table 85
21	Guest Meeting Tables	Table 86, Table 87, Table 88, Table 89
22	Guest Meeting Tables	Table 90, Table 91, Table 92, Table 93
23	Guest Meeting Tables	Table 94, Table 95, Table 96, Table 97
24	Guest Meeting Tables	Table 98, Table 99, Table 100, Table 101
25	Guest Meeting Tables	Table 102, Table 103, Table 104, Table 105
26	Guest Meeting Tables	Table 106, Table 107, Table 108, Table 109
27	Guest Meeting Tables	Table 110, Table 111, Table 112, Table 113
28	Guest Meeting Tables	Table 114, Table 115, Table 116, Table 117
29	Guest Meeting Tables	Table 118, Table 119, Table 120, Table 121
30	Guest Meeting Tables	Table 122, Table 123, Table 124, Table 125
31	Guest Meeting Tables	Table 126, Table 127, Table 128, Table 129
32	Guest Meeting Tables	Table 130, Table 131, Table 132, Table 133
33	Guest Meeting Tables	Table 134, Table 135, Table 136, Table 137
34	Guest Meeting Tables	Table 138, Table 139, Table 140, Table 141
35	Guest Meeting Tables	Table 142, Table 143, Table 144, Table 145
36	Guest Meeting Tables	Table 146, Table 147, Table 148, Table 149
37	Guest Meeting Tables	Table 150, Table 151, Table 152, Table 153
38	Guest Meeting Tables	Table 154, Table 155, Table 156, Table 157
39	Guest Meeting Tables	Table 158, Table 159, Table 160, Table 161
40	Guest Meeting Tables	Table 162, Table 163, Table 164, Table 165
41	Guest Meeting Tables	Table 166, Table 167, Table 168, Table 169
42	Guest Meeting Tables	Table 170, Table 171, Table 172, Table 173
43	Guest Meeting Tables	Table 174, Table 175, Table 176, Table 177
44	Guest Meeting Tables	Table 178, Table 179, Table 180, Table 181
45	Guest Meeting Tables	Table 182, Table 183, Table 184, Table 185
46	Guest Meeting Tables	Table 186, Table 187, Table 188, Table 189
47	Guest Meeting Tables	Table 190, Table 191, Table 192, Table 193
48	Guest Meeting Tables	Table 194, Table 195, Table 196, Table 197
49	Guest Meeting Tables	Table 198, Table 199, Table 200, Table 201
50	Guest Meeting Tables	Table 202, Table 203, Table 204, Table 205
51	Guest Meeting Tables	Table 206, Table 207, Table 208, Table 209
52	Guest Meeting Tables	Table 210, Table 211, Table 212, Table 213
53	Guest Meeting Tables	Table 214, Table 215, Table 216, Table 217
54	Guest Meeting Tables	Table 218, Table 219, Table 220, Table 221
55	Guest Meeting Tables	Table 222, Table 223, Table 224, Table 225
56	Guest Meeting Tables	Table 226, Table 227, Table 228, Table 229
57	Guest Meeting Tables	Table 230, Table 231, Table 232, Table 233
58	Guest Meeting Tables	Table 234, Table 235, Table 236, Table 237
59	Guest Meeting Tables	Table 238, Table 239, Table 240, Table 241
60	Guest Meeting Tables	Table 242, Table 243, Table 244, Table 245
61	Guest Meeting Tables	Table 246, Table 247, Table 248, Table 249
62	Guest Meeting Tables	Table 250, Table 251, Table 252, Table 253
63	Guest Meeting Tables	Table 254, Table 255, Table 256, Table 257
64	Guest Meeting Tables	Table 258, Table 259, Table 260, Table 261
65	Guest Meeting Tables	Table 262, Table 263, Table 264, Table 265
66	Guest Meeting Tables	Table 266, Table 267, Table 268, Table 269
67	Guest Meeting Tables	Table 270, Table 271, Table 272, Table 273
68	Guest Meeting Tables	Table 274, Table 275, Table 276, Table 277
69	Guest Meeting Tables	Table 278, Table 279, Table 280, Table 281
70	Guest Meeting Tables	Table 282, Table 283, Table 284, Table 285
71	Guest Meeting Tables	Table 286, Table 287, Table 288, Table 289
72	Guest Meeting Tables	Table 290, Table 291, Table 292, Table 293
73	Guest Meeting Tables	Table 294, Table 295, Table 296, Table 297
74	Guest Meeting Tables	Table 298, Table 299, Table 300, Table 301
75	Guest Meeting Tables	Table 302, Table 303, Table 304, Table 305
76	Guest Meeting Tables	Table 306, Table 307, Table 308, Table 309
77	Guest Meeting Tables	Table 310, Table 311, Table 312, Table 313
78	Guest Meeting Tables	Table 314, Table 315, Table 316, Table 317
79	Guest Meeting Tables	Table 318, Table 319, Table 320, Table 321
80	Guest Meeting Tables	Table 322, Table 323, Table 324, Table 325
81	Guest Meeting Tables	Table 326, Table 327, Table 328, Table 329
82	Guest Meeting Tables	Table 330, Table 331, Table 332, Table 333
83	Guest Meeting Tables	Table 334, Table 335, Table 336, Table 337
84	Guest Meeting Tables	Table 338, Table 339, Table 340, Table 341
85	Guest Meeting Tables	Table 342, Table 343, Table 344, Table 345
86	Guest Meeting Tables	Table 346, Table 347, Table 348, Table 349
87	Guest Meeting Tables	Table 350, Table 351, Table 352, Table 353
88	Guest Meeting Tables	Table 354, Table 355, Table 356, Table 357
89	Guest Meeting Tables	Table 358, Table 359, Table 360, Table 361
90	Guest Meeting Tables	Table 362, Table 363, Table 364, Table 365
91	Guest Meeting Tables	Table 366, Table 367, Table 368, Table 369
92	Guest Meeting Tables	Table 370, Table 371, Table 372, Table 373
93	Guest Meeting Tables	Table 374, Table 375, Table 376, Table 377
94	Guest Meeting Tables	Table 378, Table 379, Table 380, Table 381
95	Guest Meeting Tables	Table 382, Table 383, Table 384, Table 385
96	Guest Meeting Tables	Table 386, Table 387, Table 388, Table 389
97	Guest Meeting Tables	Table 390, Table 391, Table 392, Table 393
98	Guest Meeting Tables	Table 394, Table 395, Table 396, Table 397
99	Guest Meeting Tables	Table 398, Table 399, Table 400, Table 401
100	Guest Meeting Tables	Table 402, Table 403, Table 404, Table 405

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR_____

27.	Magrahat College	Geography (H) and Education (H)
28.	South Calcutta Girls' College	Zoology (H)
29.	Vidyanagar College	English (H), Education (G)
30.	Seth Anandaram Jaipuria College	Psychology (G&H), Statistics (G&H), Food & Nutrition (H), Computer Sc. (H), Geography (G&H) and Journalism (H)
31.	Kalinagar Mahavidyalaya	History (H)
32.	Muralidhar Girls' College	Alt. English (G)
33.	Dinabandhu Mahavidyalaya	Geography (H), Education (H)
34.	Maharani Kasiswari College	Computer Sc. (H)
35.	Asutosh College	Electronics (H)
36.	Panihati Mahavidyalaya	Geography (H)
37.	Naba Barrackpore Prafulla Chandra Mahavidyalaya	History (H), Political Sc. (G) & Education (G)

District : North 24 Parganas

Sl. No.	Name of College	Subject Recommended
1.	Panihati Mahavidyalaya	Zoology (H)
2.	Barrackpore Rashtarguru Surendranath College	Food & Nutrition (H),
3.	Hiralal Mazumdar Memorial College for Women	Food & Nutrition (H), Journalism (H), Psychology (G&H), Botany (H)
4.	Netaji Satabarshiki Mahavidyalaya, Ashokenagar	Geography (H), Education (G)
5.	Rishi Bankim Chandra College, Naihati	Accountancy (H)
6.	Saheed Nurul Islam Mahavidyalaya, Tentulia	English (H)
7.	R. K. Sarada Mission Vivekananda Vidyabhaban	Human Rights (G)

District : South 24 Parganas

Sl. No.	Name of College	Subject Recommended
1.	Vivekananda College	Journalism & Mass Communication (H)
2.	Kultali Dr. B.R. Ambedkar College	Mathematics (G), Botany(G), Zoology (G), Chemistry(G) and Physics (G)
3.	Vivekananda College for Women, Barisha	Physics (G)
4.	Kishore Bharati Bhagini Nivedita College	Education (H)
5.	Sushil Kar College	Education (G) & Geography (G)
6.	R.K. Mission Residential College, Narendrapur	Electronics (G)

District : Howrah

Sl. No.	Name of College	Subject Recommended
1.	Sree Agrasain College	Education (G&H), Hindi (G&H), History (G), Philosophy(G), B. Com (G), Accountancy(H), Electronics (G&H) and Computer Sc. (G)
2.	Bijoy Krishna Girls' College	Hindi (G), Statistics (G), Music (G)
3.	Shibpur Dinabandhu Institution (College)	Sanskrit (H), Botany (H) and Statistics (G)

District : Hooghly

Sl. No.	Name of College	Subject Recommended
1.	Vidyasagar Mahavidyalay, Masat	Philosophy (G)
2.	Bidhan Chandra College, Rishra	Geography (H), Education (H)

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____**KALYANI UNIVERSITY****District : Nadia**

Sl. No.	Name of College	Subject Recommended
1.	Dr. B.R. Ambedkar College, Betai	Geography (H)
2.	Sudhirranjan Lahiri Mahavidyalaya, Majdia	Geography (H)
3.	Krishnagar Women's College	Physics (H) & Mathematics (H)
4.	Dwijendralal College	Political Sc. (H), Philosophy (H) and Geography (G)

District : Murshidabad

Sl. No.	Name of College	Subject Recommended
1.	Murshidabad Adarsha Mahavidyalaya, Chak Islampore	Political Science (H)
2.	Berhampore Girls' College	Zoology (H), Mathematics (H)
3.	Nagar College	Philosophy (H), Political Sc. (H)
4.	Berhampore College	Sanskrit (G)
5.	Muzaffar Ahmed Mahavidyalaya, Salar	Geography (H), English (H)
6.	Subhas Chandra Bose Centenary College, Lalbagh	Geography (H) Education (H) and Sanskrit (G)
7.	S.R. Fatepuria College, Beldanga	English (H) & Geography (G&H)
8.	Sripat Singh College	Geography (H)
9.	Raja Birendra Chandra College, Kandi	Geography (G) and Sanskrit (G)
10.	Kandi Raj College	Sanskrit (H), Physiology (H), Geography (H) and Electronics (G)

BURDWAN UNIVERSITY

District : Burdwan

Sl. No.	Name of College	Subject Recommended
1.	Memari College	Sanskrit (G)
2.	Mankar College	Mathematics (H)
3.	Michael Madhusudan Memorial College	Microbiology (H), Chemistry (G) & Zoology (G)
4.	Kulti College	Hindi (H)
5.	Kandra Radhakanta Kundu Mahavidyalaya	English (H) & Physical Education (G)
6.	Bidhan Chandra College, Asansol	Sanskrit (H)
7.	Kazi Nazrul Islam Mahavidyalaya, Churulia	Geography (G)
8.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya	Sanskrit (G)
9.	Banwarilal Bhalotia College	Geography (G & H)
10.	Asansol Girls' College	Physics (H)
11.	Pandaveswar College	English (H) & Bengali (H)
12.	Dr. Gour Mohan Roy College	Sanskrit (H)
13.	Raniganj Girls' College	Economics (H) & Hindi (H)
14.	TDB College, Raniganj	Physiology (H) and Sanskrit (H)
15.	Khandra College	Sanskrit (H)
16.	Asansol Girls' College	Nutrition (H)
17.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya	Nutrition (H)

District : Hooghly

Sl. No.	Name of College	Subject Recommended
1.	Hooghly Women's College	Microbiology (H), Mathematics (H), Political Science (H) & Music (G)
2.	Aghore Kamini Prakash Chandra Mahavidyalaya	Geography (G) & Physical Education (G)
3.	Kabi Sukanta Mahavidyalaya, Angus	Geography (H) & Sanskrit (G)

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

4.	Tarakeswar Degree College	Sanskrit (G) & Geography (H)
5.	Vivekananda College, Haripal	Zoology (G), Botany (G) & Education (G)
6.	Bejoy Narayan Mahavidyalaya	Statistics (G) & Commerce (G)
7.	Sri Ramkrishna Sarada Mahapith, Kamarpukur	Political Science (H)

District : Bankura

Sl. No.	Name of College	Subject Recommended
1.	P.R.M.S. Mahavidyalaya, Jamboni	Sanskrit (G) & Santali (H)
2.	Saldiha College	Geography (G)
3.	Barjora College	Geography (G) & Sanskrit (G)
4.	Bankura Zilla Saradamani Mahila Mahavidyapith	Economics (H) & Mathematics (H)
5.	Sonamukhi College	Geography (H)
6.	Bankura Sammilani College	Physics (H) & Sanskrit (H)
7.	Khatra Adibasi Mahavidyalaya	Physical Education (G)

District : Birbhum

Sl. No.	Name of College	Subject Recommended
1.	Sailaja Falguni Smriti Mahavidyalaya Khayrasole	Sanskrit (G)

District : Purulia

Sl. No.	Name of College	Subject Recommended
1.	Manbhum Mahavidyalaya	Computer Sc.(H) & Santali (H)
2.	Achhuram Memorial College, Jhalda	Philosophy (H), Botany (H), Zoology (H), Chemistry (H) & Economics (H)
3.	J.K.College	Geography (G& H)
4.	Nistarini College	Physics (H) & Zoology (H)

VIDYASAGAR UNIVERSITY

District : Paschim Medinipur

Sl. No.	Name of College	Subject Recommended
1.	K.D. College of Commerce	Marketing Mngt.(H)
2.	Silda Chandra Sekhar College	Santali (H)
3.	Chandrakona Vidyasagar Mahavidyalaya	Geography (H) & Sanskrit (H)
4.	Kharagpur College	Geography (G & H)
5.	Bhatter College, Dantan	Music (H), Chemistry (G) & Physics (G)
6.	Vivekananda Satavarshiki Mahavidyalaya	Santhali (G) & Physical Education(G)
7.	Santal Bidroha Sradha Satabarsiki Mahavidyalaya	Santhali Lang & Lit. (G&H), Geography (G&H) & Physical Education (G)
8.	Midnapore College	Electronics (G&H)
9.	Raja N.L.Khan Women's College	Nutrition (G&H)
10.	Belda College	Zoology (H), Santali (G) & Nutrition (G)
11.	Sukumar Sengupta Mahavidyalaya	Bengali (H), History (H), Physics (H), Chemistry (H) and Mathematics (G&H)
12.	Seva Bharati Mahavidyalaya	Geography (H)
13.	Ghatal Rabindra Satabarsiki Mahavidyalaya	Botany (H) and Zoology (H)

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____**District : Purba Medinipur**

Sl. No.	Name of College	Subject Recommended
1.	Mahishadal Raj College	Geography (H) & Sociology (H)
2.	Mahishadal Girls' College	Mathematics (G), Chemistry (G) and Computer Sc.(G)
3.	Khejuri College	English (H) & Music (G)
4.	Vivekananda Mission Mahavidyalaya	Chemistry (H)
5.	Prabhat Kumar College, Contai	Anthropology (H), Nutrition (G) & Aqua Culture Mngt.(G)
6.	Mugberia Gangadhar Mahavidyalaya	Botany (G) & Nutrition (G)
7.	Egra Sarada-Shashi Bhusan College	Philosophy (H) & Mathematics (H)
8.	Sitananda College	Chemistry (H) & Education (H)
9.	Ramnagar College	Geography (H), Music (G)
10.	Panskura Banamali College	Santali (H), Music (H)
11.	Y. S. Palpara Mahavidyalaya	Geography (H)

NORTH BENGAL UNIVERSITY**District : Malda**

Sl. No.	Name of College	Subject Recommended
1.	South Malda College	Accountancy (H)
2.	Gour Mahavidyalaya	Computer Science (H)
3.	Kaliachak College	History (H)
4.	Pakuahat Degree College	English (H), Political Science (H)

District : Dakshin Dinajpur

Sl. No.	Name of College	Subject Recommended
1.	Balurghat Mahila Mahavidyalaya	Sanskrit (H)
2.	Gangarampur College	Geography (H)

District : Uttar Dinajpur

Sl. No.	Name of College	Subject Recommended
1.	Sree Agrasain Mahavidyalaya, Dalkhola	Accountancy (H)
2.	Islampur College	Mathematics (H) & Urdu (H)
3.	Dr. Meghnad Saha College	English (H) & Mathematics (G) & (H)

District : Cooch Behar

Sl. No.	Name of College	Subject Recommended
1.	Cooch Behar College	BBA, Sanskrit (G)
2.	Netaji Subhas Mahavidyalaya, Haldibari	Philosophy (H)
3.	Tufanganj Mahavidyalaya	Botany(H) & Zoology (H)

District : Jalpaiguri

Sl. No.	Name of College	Subject Recommended
1.	Ananda Chandra College of Commerce	Management (H), BBA (Self-financing basis)
2.	P.D. Women's College	Zoology (H)
3.	Maynaguri College	English(H)

District : Darjeeling

Sl. No.	Name of College	Subject Recommended
1.	Sonada Degree College	Political Science(H), History (H) & English(H)
2.	Mirik College	English(H) & Nepali (H)
3.	Cluny Women's College	Nepali (H)
4.	Kalipada Ghosh Tarai Mahavidyalaya	Management/Finance (H)
5.	St. Joseph's College	Mathematics (H), Sociology (H)

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

3.5 POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

Sl. No.	Name of Colleges with Affiliating University	Subject Introduced at Post-Graduate Level
Calcutta University		
1.	Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi, Environmental System Management, Molecular Biology & Genetics
2.	Bethune College	Botany, Zoology
3.	Maulana Azad College	Zoology
4.	Lady Brabourne College	Geography, Microbiology
5.	Barasat Govt. College	Botany
6.	Goenka College of Comm. and Business Adm.	Commerce
7.	Bidhannagar College	Zoology, Microbiology
8.	Taki Govt. College	Bengali
9.	Asutosh College, Kolkata	Environmental Science
10.	Dinabandhu Andrews College	Zoology
11.	A.P.C. College, New Barrackpore	Microbiology, Electronics
12.	Rastraguru Surendranath College, Barrackpore	Microbiology, Computer Sciences
13.	St. Xaviers College	Computer Science
14.	Scottish Church College	Zoology
15.	Bongaon Dinabandhu Mahavidyalaya	Bengali
16.	Narendrapur Ram Krishna Mission	Chemistry
17.	Vidyasagar College	Zoology
18.	Bijoygarh Jyotish Roy College	Micro Biology
19.	Belur Ram Krishna Mission	Mathematics, Sanskrit
20.	Fakir Chand College, Diamond Harbour	Education

21.	David Hare Training College	M.Ed., M. Phil (with Netaji Open University)
22.	Post Graduate Training College for Physical Education, Banipur	Physical Education (M.P.Ed)
23.	Institute of Education for Women, Hastings House, Alipore	M.Ed.
24.	State Institute of Physical Education for Women, Hastings House, Alipore	M.P.Ed.
25.	Govt. College of Art and Craft	Visual Arts (MVA)
Burdwan University		
26.	Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce
27.	Chandernagar College, Hooghly	Geography
28.	Bankura Christian College	English, Bengali
29.	Durgapur Govt. College	Geology
30.	B.B. College, Asansol	Physics
31.	J.K.College, Purulia	Mathematics
32.	Burdwan Raj College	Bengali
33.	Burdwan Vivekananda College	Chemistry
34.	Burdwan M.U.C. College	English
Kalyani University		
35.	Krishnagar Govt. College	Philosophy & Geography
36.	Krishnanath College, Berhampore, Murshidabad	Sericulture, Physiology, Sanskrit
37.	Kanchrapara College, Kanchrapara, 24-Parganas(N)	Hindi

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

North Bengal University		
38.	A.B.N. Seal College	Bengali
39.	Darjeeling Govt. College, Darjeeling	Zoology, Botany, Nepali, English
40.	Malda College	English & History
41.	Balurghat College	Bengali & Commerce
42.	Raiganj College	Bengali
43.	Ananda Chandra College	Bengali
Vidyasagar University		
44.	Jhargram Raj College	Chemistry
45.	Raja N. L. Khan Women's College	Zoology
46.	Midnapore College	Physics

3.6 TECHNICAL EDUCATION

2 new Engineering & Technological Colleges have been set up on self-financing basis in the academic session 2005-2006. One Engineering and the other for Pharmaceutical Technology. In addition, Pharmaceutical Technology course have been introduced in two more colleges. Total number of Engineering & Technological institutes (including university Engineering departments) in the State is now 54 with an approved intake of 14775.

11 courses in six Govt. Engineering & Technological Colleges and 12 courses in four Non-Govt. Engineering & Technological Colleges have been accredited by the National Board of Accreditation, New Delhi.

Under Technical Education Quality Improvement Programme (TEQIP). Lifetime allocation under the Project, as approved by GOI is Rs. 154.80 crore to be utilized over a period of 4 years ending in 2008.

A post graduate course in Leather Technology (M.Tech.) has been introduced in Govt. College of Engg. & Leather Technology. A financial grant of Rs. 84 lakh has been sanctioned during the year for development of PG Laboratory and also to undertake essential electrification work in this connection.

A construction of a new college building at Govt. College of Engineering & Textile Technology, Berhampore has been sanctioned at an estimated cost Rs. 3 crore out of this amount Rs. 20 lakh has already been released.

3.7 UNIVERSITY EDUCATION

The State Government have sanctioned a total sum of Rs. 372.74 Lakh in the Annual Plan to State-aided Universities viz. Calcutta, Jadavpur, Kalyani, Burdwan, North Bengal, Rabindra Bharati, Vidyasagar during the financial year 2005-2006. Out of this amount, a sum of Rs. 253.74 Lakh is meant for construction / development of 7 (Seven) State-aided universities and Rs. 119.00 Lakh for purchase of books & journals in respect of 7 (Seven) State aided Universities. A sum of Rs 45.00 Lakh has also been sanctioned and released to Netaji Subhas Open University towards maintenance grants. For Bengal Engineering & Science University the State Govt. has sanctioned Rs.200.00 Lakh during 2005-2006 for construction / development of Bengal Engineering & Science University.

STATEMENT OF ACTUAL EXPENDITURE IN THE UNIVERSITIES (ANNUAL PLAN SCHEMES) DURING 2005-2006

(Rs. In lakhs)

University	Year	Construction	Books and Journals	Total
Calcutta	2005-2006	75.02	30.00	105.02
Jadavpur	2005-2006	17.10	25.00	42.10
Kalyani	2005-2006	53.54	6.00	59.54
Burdwan	2005-2006	45.02	15.00	60.02
North Bengal	2005-2006	25.79	25.00	50.79
Rabindra Bharati	2005-2006	31.27	12.00	43.27
Vidyasagar	2005-2006	6.00	6.00	12.00
Total	2005-2006	253.74	119.00	372.74

3.8 NON-GOVERNMENT COLLEGES

The State Government assists the non-government colleges to improve their quality of education and infrastructure.

Funds are sanctioned for development programmes such as repair/construction of classrooms, common rooms, toilets, libraries, laboratories, auditoriums, hostels, and boundary walls as well as repair/installation of electrical works.

1. Some of the colleges which have received financial assistance for construction of building are K. K. Das College, Kolkata, Saltora Netaji Centenary College, Bankura, Joypur P. Roy, College,

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

- Howrah, Subarnarekha Mahavidyalaya, Paschim Medinipur, Acharya Prafulla Chandra College of Commerce, North 24-Parganas, Chakdaha College, Nadia, Mahatma Gandhi College, Purulia, Tarakeswar Degree College, Hooghly, Sir Gurudas Mahavidyalaya, Kolkata, Egra Sarada Shasibhusan College, Purba Medinipur, Cooch Behar College, Cooch Behar, Nagar College, Murshidabad, Ananda Chandra College, Jalpaiguri, Kalyani Mahavidyalaya, Nadia, Dr. Kanailal Bhattacharya College, Howrah, Panchmura Mahavidyalaya, Bankura, P. N. Das College, North 24-Parganas, Purash Kanpur Haridas Nandi Mahavidyalaya, Howrah, Hijli College, Paschim Medinipur, Mathabhanga College, Cooch Behar Chandraketurgh Sahidullah Smriti Mahavidyalaya, North 24-Parganas, Krishnath College, Murshidabad, Sammilani Mahavidyalaya, Kolkata, Sukumar Sengupta Mahavidyalaya, Paschim Medinipur.
2. Funds have been sanctioned for construction of Auditorium and Gymnasium in Nikhil Banga Sikshan Mahavidyalaya, Bankura, Acharya Prafulla Chandra College, North 24-Parganas, Chakdaha College, Nadia.
 3. The colleges, which have received funds for construction of boundary wall, are Kandi Raj College, Murshidabad, Aghore Kamini Prakash Chandra Mahavidyalaya, Hooghly, Joypur P. Roy College, Howrah.
 4. Funds have been sanctioned for purchasing equipments for conducting P. G. Course in Physics in Banwarilal Bhalotia College, Burdwan and for purchasing of books to Hingalganj Mahavidyalaya, North 24-Parganas, Santal Bidroha Sradha Satabarshiki Mahavidyalaya, Paschim Medinipur, Dr. B. R. Ambedkar Satabarsiki Mahavidyalaya, North 24-Parganas, Polba Mahavidyalaya, Hooghly, Dr. B. R. Ambedkar College, South 24-Parganas, Sukumar Sengupta Mahavidyalaya, Paschim Medinipur, Lalgola College, Murshidabad, Pandaveswar College, Burdwan, Bakshirhat Mahavidyalaya, Cooch Behar, Patra Sayer Mahavidyalaya, Bankura.
 5. Funds have been sanctioned for Electrical works in Kalinagar Mahavidyalaya, North 24-Parganas and development of infra-structure in Institute of English, Kolkata.
 6. The colleges which have received fund for repair work are, M.U.C. Women's College, Burdwan, Belda College, Paschim Medinipur, Acharya Prafulla Chandra College, North 24-Parganas, Sree Ramkrishna B. T. College, Darjeeling, P. N. Das College, North 24-Parganas, Sripat Singh College, Murshidabad, Netaji Nagar College for Women, Kolkata, Pingla Thana Mahavidyalaya, Paschim Medinipur, Raja N. L. Khan Women's College, Paschim Medinipur, Alipurduar College, Jalpaiguri, Sudhīranjan Lahiri Mahavidyalaya, Nadia, Mahishadal Raj College, Purba Medinipur, Sponsored Teachers' Training College, Purulia.

Women's Hostel

7. Mahishadal Girls' College, Purba Medinipur, Mugberia Gangadharpur Mahavidyalaya, Purba Medinipur, Siliguri B. Ed. College, Darjeeling, Acharya Prafulla Chandra College, North 24-Parganas, SC/ST Women's Hostel in Balarampur College, Purulia, Syamsundar College, Burdwan, Kaliyaganj College, Uttar Dinajpur.

8. Development of Women's College (for SC/ST students) – Raja N. L. Khan Women's College, Paschim Medinipur, P. D. Women's College, Jalpaiguri, Nistarini College, Purulia, Bankura Zilla Saradhamani Mahila Mahavidyalaya, Bankura. Hiralal Mazumdar Memorial College for Women, Kolkata, Mahishadal Girls' College, Purba Medinipur, Hooghly Women's College, Hooghly.
9. Funds have been sanctioned for holding 7th Inter Non-Govt. College Athletic Meet and Football Championship 2005-06.
10. Funds have been provided to Deshbandhu College for Girls, Kolkata for organising a Seminar as a part of Golden Jubilee Celebration.
11. Funds have been provided for development of Library for SC/ST students to Cooch Behar College, Cooch Behar, Sailajananda Falguni Smriti Mahavidyalaya, Birbhum, Khatra Adibasi Mahavidyalaya, Bankura.
12. Funds have been provided for development of non-Govt. colleges situated in Tribal area under Tribal area Sub-plan – Vivekananda Satabarsiki Mahavidyalaya, Paschim Medinipur, Silda Chandra Sekhar Mahavidyalaya, Paschim Medinipur, Subarnarekha Mahavidyalaya, Paschim Medinipur, Manbhum Mahavidyalaya, Purulia.

3.9 GOVERNMENT COLLEGES

Various programmes have been taken up by the State Government for improvement and strengthening of the Government Colleges. The budgetary provision in 2005-2006 for the development of Government Colleges is presented in the following table.

HEADS	AMOUNT (Rs.)	
	OTHER CHARGES	BUILDINGS
	STATE PLAN	STATE PLAN
Development of Presidency College	29,38,934	57,90,542
Development of Darjeeling Govt. College	3,75,000	21,95,998
Development of Hooghly Mohsin College	7,00,000	—
Development of 12-other Govt. Colleges	67,72,240	66,65,850
Development of newly established Govt. Colleges	25,00,000	24,15,000
Development of Physical Education Colleges	—	5,99,747
Development of B.Ed. Colleges	7,10,000	5,00,000
Govt. College of Art & Craft	1,75,000	12,00,000
Sports & Youth Services for Govt. Colleges	7,19,300	4,69,300

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

Grants were sanctioned to the Government Colleges for construction/renovation works. Some of them are mentioned here.

Sl. No.	Government College	Construction Work	Amount Sanctioned (Rs.)
1.	Presidency College	a) Construction work	30,00,000
		b) Installation of one no. eight passengers lift in Dirogio Building	14,50,000
		c) Maintenance of Elect. Installation and Pump Motor sets	2,20,542
		d) Renovation, addition & alteration of Buildings	10,00,000
		e) Infrastructural Development of P.G. Block and Seminar Hall of Physiology Deptt.	1,20,000
		Total :	57,90,542
2.	Darjeeling Govt. College	a) Different Civil Works	18,75,814
		b) Renovation of R.N.S. Boys' Hostel	3,20,184
		Total :	21,95,998
12-Other Govt. Colleges			
1.	Jhargram Raj College	a) Electrical works in the College and Hostel Buildings	3,50,000
		b) -do-	5,00,000
		Total :	8,50,000
2.	Chandannagore Govt. College	a) Special repair to different building	5,62,512
		b) Repair of Principal's office and chamber and installation of wooden furniture etc.	1,67,093
		c) Purchase of 15 K.V.A. 3-Phases Generator	2,95,358
		d) Installation of A.C. Machine, glow signboard for NAAC evaluation	1,78,374
		e) Construction of vertical extension of New Science Bldgs.	2,00,000
		Total :	14,03,337

3.	Calcutta Madrasah College	Fund for E.E.	3,91,617
4.	Barasat Govt. College	Construction of classroom (Gr. Fl.) annexe to new Science building block, Phase-II	15,00,000
5.	A.B.N. Seal College	Installation of 100 K.V.A. Sub-station	7,33,000
6.	Govt. College of Art & Craft	Construction and renovation of existing building	12,00,000
7.	Krishnanagore Govt. College	a) Construction, Repair, Renovation b) Electrical installation work of new Hindu Hostel, residential quarter and installation of pump motor set	3,43,845 1,95,949
8.	Lady Brabourne College	Electrical installation work in library annexe building	48,102
9.	Haldia Govt. College	a) Different Electrical works b) Repairing of college building	5,00,000 19,15,000
Govt. B.Ed. Colleges :			
1.	Govt. Training College, Hooghly	a) S/R to Govt. Training College, Hooghly b) Amount sanctioned in favour of Govt. Trg. College, Hooghly	1,00,000 2,00,000
2.	Govt. College of Education, Banipur	Construction of boundary wall	2,00,000
Govt. Physical Education Colleges :			
1.	P.G. College of Physical Education, Banipur	a) Repairing etc. b) Repair to pump motor set	2,00,000 16,745
2.	State Institute of Physical Education for Women, Hastings House, Alipore	a) Special repair work of Gymnasium Hall, Basketball Ground & sanitary and plumbing work b) Construction Work	1,88,002 1,95,000

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

3.10 MEASURES FOR QUALITY IMPROVEMENT OF HIGHER EDUCATION

A) NAAC Accreditation Status :

The State Level Quality Assurance Co-ordination Committee constituted in 2003-2004 for the purpose of facilitating NAAC accreditation process for the colleges in the State, has been functioning satisfactorily. In the State, 7 universities and 106 colleges have been accredited by NAAC so far. Out of the colleges accredited, Midnapore College and Ramkrishna Mission Vidya Mandir, Presidency College, Kolkata have been awarded 'A+' ranking and 9 colleges have been awarded 'A' ranking. The process of accreditation has gained momentum and has been progressing steadily.

B) Accreditation of Engineering & Technology Courses (NBA of AICTE) :

Three more new private self-financing Engineering & Technology Colleges have been established during the year 2004-05 taking the total number of Engineering & Technology institutions directly within the purview of the Deptt. of Higher Education to 52 with an intake capacity of more than 13,000. A few more proposals for establishment of Engineering & Technology Colleges are awaiting AICTE approval. Some existing colleges have also proposed to add new courses. While examining any new proposal, the State Govt. has been taking all precautions to see that only the proposals which satisfy all AICTE requirements, are issued NOC of the State Govt. Two new private self-financing MBA institutes with sixty intake in each have come up during the year. In addition, few private Engineering Colleges have introduced MBA programmes in their institutes taking the number of institutes having MBA or equivalent programme to 29.

3.11 SCHOLARSHIP & STIPEND

In order that no brilliant student is prevented from pursuing post-matric studies because of poverty, the Central Government as well as the State Government introduced various scholarship schemes, four of which are being currently administered in the state by the Scholarship and Stipend Section of the Education Directorate, Government of West Bengal :

- i) National Scholarship Scheme
- ii) National Merit Scholarship Scheme
- iii) D.P.I. Special Stipend Scheme
- iv) Hindi Scholarship Scheme

For the National Scholarship and National Merit Scholarship Schemes, no advertisements in the media are published annually on regular basis, as the application forms are distributed and the merit lists are prepared and sent to us by the Secondary Board / H.S. Council / Universities; but in case of the D.P.I. Special Stipend Scheme and the Hindi Scholarship Scheme, separate media advertisements are published on regular basis usually around the middle of every calendar year seeking application from suitable candidates.

I. National Scholarship Scheme

Introduced in 1961-62, this scheme ran continuously for more than two decades before being formally withdrawn from the 2004-05 session. This means no candidates passing their qualifying examination (like Madhyamik / H.S / Graduation) in 2004-05 or later can apply for the National Scholarships any more; only the renewal cases will be sanctioned now for those scholars who qualified for this scholarship before 2004-05. Such renewal will continue till about 2009-2010 session.

Rates of National Scholarship :

Stage	Non-hosteller or Day Scholar	Hosteller or Residential
At H.S Stage (for Madhyamik-passed candidates)	@ Rs.60/- per month	@ Rs. 100/- per month
At Graduation Stage of General Education-1st year	@ Rs.60/- per month	@ Rs. 100/- per month
(for H.S.- passed candidates) - 2nd & 3rd years	@ Rs. 90/- per month	@ Rs. 140/- per month
At Graduation Stage of Professional Courses (for H.S.- passed candidates)	@ Rs. 120/- per month	@ Rs. 300/- per month
At P.G. Stage of General Education (for B.A./ B.Sc / B.Com. passed candidates)	@ Rs. 120/- per month	@ Rs. 300/- per month

Sanction Figures in 2005-2006 :

Budget – Head	Amount sanctioned	Number of Scholars awarded
(Non-Plan)		
2202-80-107-NP-003-V-31-02	Rs.77,50,570/-	2717
(Plan)		
2202-80-107-SP-001-V-34	Rs.14,87,700/-	328
Total =	Rs. 92,38,270/-	3045

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

The backlog in the sanctioning of National Scholarship, which has developed over the years, has been started to be cleared from this year (2005-06). If the necessary financial allotments be made available in a timely manner, it is hoped that this backlog would be cleared to the practicable extent possible within the next two to three years.

II. National Merit Scholarship Scheme

This scheme has been introduced since the 2004-05 session, replacing the earlier National Scholarship Scheme. A few changes in the funding pattern, rate, quota, selection criteria etc. have been effected. For instance, (i) while the earlier National Scholarship (NS) Scheme was mainly state-funded, the new National Merit Scholarship (NMS) Scheme is entirely Centre-funded; (ii) the parental income-ceiling (bar) has been raised from Rs. 25,000/- per annum to Rs. 1.00 lakh per annum; (iii) the practice of giving Certificate of Merit in lieu of Scholarship to eligible students whose parental income exceeds the stipulated limit, has been discontinued; (iv) the State's quota of 3176 (NS) post-matric scholarships has been reduced to 1421 (NMS); (v) the monthly rate of post-matric scholarship has been enhanced from the range of Rs.60/- — Rs.300/- to Rs 300/- — Rs.750/- covering different stages of study; (vi) the scholarship will be paid for 10 months in a year.

National Merit Scholarship Rates and Quota (for West Bengal) :

Stage of study for which Scholarship is given	Rate per month	State's quota of scholarship(NMS)
Classes IX – X	Rs. 250/- (for 10 months in a year)	678
Classes XI – XII	Rs. 300/- (for 10 months in a year)	853
Graduation	Rs. 500/- (for 10 months in a year)	426
Post-Graduation	Rs. 750/- (for 10 months in a year)	142

In West Bengal, the NMS for the college and university-level scholars will be administered through the Deputy D.P.I. (Scholarship & Stipend), while NMS for the school-level scholars (IX-X and XI – XII) will be administered through the Director of School Education (DSE).

N.M.S. Sanction Figures from the Education Directorate in 2005 – 2006 :

Budget – Head (Central Sector)	Amount sanctioned	Number of Scholars awarded
2202-03-107-CS- 001-V-31-02	Rs.10,24,500/-	79

2005 – 2006 was practically the very first year of implementation of the NMS. To establish the required processing i.e. working norms in accordance with the stipulated NMS guidelines took a while in each of the concerned offices (viz. the H.S. Council, Universities and the S&S Section of the Education Directorate). Things will move much faster from the coming year, it is hoped.

The procedure which is followed for selecting candidates at the PG & UG-level for the National Merit Scholarship Scheme and for disbursement of the scholarship to them is as follows :

The State's quota (142) for PG – level scholarships (NMS) is divided among different universities of the state. The universities then prepare their own Merit Lists (as per the quota) based on the results of their students in their graduation – level examinations and on the annual family income of the students. If the annual family income of the student exceeds Rupees one lakh, his/her name will not be included in the Merit List. The universities then distribute formal application forms and Entitlement Cards for the NMS among their merit-listed candidates and ask them to submit the completed application forms either directly to the Education Directorate (Scholarship & Stipend Section) or through to the university office.

For the UG – level National Merit Scholarships (quota = 426), the West Bengal Higher Secondary Council prepares the merit list and distribute the formal application forms plus Entitlement Cards to the suitable HS – passed candidates in a similar manner as described above.

III. D.P.I. Special Stipend Scheme :

This covers two types of financial assistance : (i) General Stipend, and (ii) Ad-hoc grant. D.P.I. Special Stipends (General Stipend) are given to those Madhyamik-passed / graduation-passed students who have good results but not enough to get them a place in the merit list for National Scholarship / National Merit Scholarship. A fresh Madhyamik-passed stipend holder may continue to get the stipend (renewal) till the last year of his / her graduation, provided he/she continues to obtain over 50% marks in all the intervening year-ending or semester examinations. There is however a need for allowing the fresh H.S.-passed candidates as well to apply for this stipend. In that case the candidates who, for some reasons, miss the stipend after their Madhyamik Exam., can get a chance to apply for it after their H.S.

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

Current rate, quota and eligibility information for D.P.I. Special Stipend Scheme (General Stipend):

Qualifying students	Stipend for which stage of study	Total quota	Rate per month	Current Minimum marks required	Guardians' / parents income ceiling (per annum)
M.P.-passed	H.S. & U.G	250	Rs.40/-	75%	Rs. 25,000 p.a.(for Non-salaried parents/ Guardians) Rs. 35,000/- p.a.(for Non-salaried parents/ Guardians)
Graduation (with Honours) -passed	PG	200	Rs.60/-	55%	Rs.50,000/-p.a (for non-salaried parents/ Gurdians Rs.60,000/- p.a. (for Salaried parents/ Guardians)

The other category of D.P.I. Special Stipend, called Ad-hoc Grant, is given to four institutions in the state – (i) R.K. Mission Vidyapith, Purulia, (ii) R.K. Mission Ashrama, Sarisha, (iii) R. K .Mission Multi-purpose school, Kamarpukur and (iv) Jalpaiguri Govt. Engineering College, who in turn disburse this grant among a fixed number of their most needy and meritorious students.

Sanction Figures in 2005 – 2006 :

Type	Budget – Head (Non-Plan)	Amount Sanctioned	Number of Scholars awarded
D.P.I. Spl. Stipend (General Stipend)	2202-80-107-NP-001-V-31-02	Rs. 1,86,220/-	300
D.P.I. Spl. Stipend (Ad-hoc Grant)	2202-80-107-NP-002-V-31-02	Rs. 57,474/-	122 (distributed among the four institutions)

The rate and quota of D.P.I. Special Stipends Scheme (both General Stipend and Ad-hoc Grants) are in urgent need of revision and rationalization especially in view of the recent enhancements effected in case of National Merit Scholarships, Hindi Scholarships etc.

IV. Hindi Scholarship Scheme :

In order to encourage the study of Hindi in Non-Hindi speaking states, Government of India has implemented the Hindi Scholarship Scheme for the post-matric students [H.S., U.G., P.G., and Research(M. Phil. / Ph.D. etc)]. The scholarship is given to students whose mother tongue is not Hindi and who are studying in a Non-Hindi speaking state in a recognized full-time course with Hindi as the sole subject or as one of the subjects. The quota of Hindi Scholarships For West Bengal is 239. This means every year 239 fresh candidates could get Hindi Scholarship in West Bengal (the renewal cases do not count towards quota).

Hindi Scholarship Rates and Eligibility Criteria :

Stage of Study	Quota (Total = 239)	Rate	Eligibility for applying
For H.S. stage	143	@Rs.300/- per month	Hindi is to be subject In H.S. course and 60% marks in aggregate in the Matric Exam. (Madhyamik / CBSE/ ICSE etc.)
For Graduation (UG) stage	72	@Rs.500/- per month	Hindi to be a subject in UG-course and 60% aggregate marks in the H.S. Exam.
For Post-Graduation (PG) and/or Research Stage	24	@Rs.1000/- per month	Hindi to be the subject of study and 60% marks in Graduation or Post-Graduation as the case may be

Sanction Figures for Hindi Scholarship in 2005 – 2006 :

Budget – Head (Non-Plan- Developmental)	Amount sanctioned	Number of Scholars awarded
2202-05-200-ND-001-V-50	Rs. 5,41,750/-	348 (including the back-logs from previous year/s)

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR _____

3.12 FULL AND HALF FREE STUDENTSHIP FOR THE ENGINEERING & TECHNOLOGY STUDENTS :

In order to extend relief to the poor and meritorious students admitted into Govt. Engineering and Technology colleges, the State Govt. has taken measures to grant the benefit of full and half free studentship. 10% students selected on merit cum means basis will come under the purview of the scheme each year. Private self financing colleges have also been asked to extend such facilities to the possible extent.

3.13 PHYSICAL EDUCATION

1. Development grant were sanctioned to the Govt. Physical Education Colleges for purchase of Books, Journals, Equipments etc.
2. Development grant for infrastructural facilities were sanctioned to the Govt. Colleges having Post Graduate Departments.
3. Sports equipment grant to 21 Govt. General Degree Colleges alongwith Physical Education Colleges for smooth running of Sports Department were sanctioned.
4. Development grant for improvement of academic facilities were sanctioned to two Govt. Physical Education College having M. P.Ed. courses.
5. Grants were sanctioned to organise the XVII West Bengal Inter Physical Education Colleges Athletic Meet and Cultural Exchange held at Kalyani.
6. Grants were sanctioned to organise National Seminar on Health, Physical Education and Sport Science at Deptt. of Physical Education, Kalyani University.
7. Grants were sanctioned for Gymnasium and equipment at Nikhil Banga Sikha Mahavidyalaya, Bishnupur, Dist. Bankura during 2005-2006.
8. Grants were sanctioned to Govt. Physical Education College, Hooghly to organise a seminar on Physical Education.
9. The XVII Inter Govt. College Athletic Meet, XV Inter Govt. College Football Tournament, VI Inter Govt. College Table Tennis Tournament and III Inter Govt. College Badminton Tournament, 2006 were held successfully at Yuba Bharati Krirangan and SAI Complex on 21st February to 25th February, 2006.

CHAPTER – 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 Engineering and Technology Education

4.2 Management Education

CHAPTER – 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 ENGINEERING AND TECHNOLOGY EDUCATION

Till 1968, West Bengal had only 9 engineering institutions, all of which were either in the government or in the university sector. The total intake of undergraduate and postgraduate students in engineering was in the range of 1500 only. This went up slightly to a figure of 2050 in 1994. Self-financing engineering colleges were encouraged in a big way by the government and barring the notable exception of the Kalyani Government Engineering College - the only engineering college in the government sector that was established at Kalyani in Nadia in 1995 – all others were in the private sector. In last 10 years time, the number of engineering institutions has leapfrogged to 54 with a total intake capacity of nearly 15000.

2 new Engineering & Technological Colleges have been set up on self-financing basis in the academic session 2005-2006 – one Engineering and the other for Pharmaceutical Technology. In addition Pharmaceutical Technology and Hotel Management courses have been introduced in two more existing engineering colleges. Total number of Engineering & Technological institutes (including university Engineering departments) in the State is now 54 with an approved intake of nearly 15000.

Information and Communication Technology related courses :

It may be emphasized that due to increasing demand of technical manpower in the field of information technology and related areas, most of the newly established institutions have introduced degree courses in Information Technology, Computer Science & Engineering and Electronics & Communication Engineering. Thus out of nearly 15000 engineering seats, share of seats in Information Technology, Computer Science & Engineering, Electronics & Communication Engineering and other similar courses is 9580 seats.

Biotechnology courses : Biotechnology, Bio-Med. Engineering and Food Technology courses are now taught at undergraduate level in a number of colleges. Biotechnology and Food Technology courses all available at Jadavpur University, Calcutta University and West Bengal University of Technology.

Introduction of Master of Computer Application (M.C.A.) Courses :

The expansion of engineering and technology education in the State has been further facilitated by the introduction of M.C.A. course in as many as 27 (twenty-seven) Institutions including the universities. The total intake capacity for the Master of Computer Application (M.C.A.) Course is more than 1200.

This apart, NIT, Durgapur, Bidhan Chandra Krishi Viswavidyalaya, Netaji Subhas Open University, Visva-Bharati and Indira Gandhi National Open University also conduct MCA course.

Lateral Entry Scheme :

In tune with the scheme of the All India Council for Technical Education, the State Govt. has extended the scope of degree level engineering education to the diploma holders in engineering in the State through the Lateral Entry Scheme. Under this scheme, diploma holders from the State Polytechnics have got the opportunity to seek direct entry in the second year of undergraduate engineering courses after qualifying in a state level admission test conducted for the purpose to the extent of 15% of the total intake.

Post Graduate Programme :

Apart from Jadavpur University, Bengal Engineering and Science University and Calcutta University, West Bengal University of Technology also conducts in house Master Programmes in Biotechnology, Bio-Informatics, Information Technology, Computer Sc. & Engineering and Software Technology. Kalyani Govt. Engineering College has introduced M. Tech. in Computer Science & Engineering and Production Engineering. M. Tech. have also been approved in Haldia Institute of Technology, Haldia, for Chemical Engineering, Electronics & Communication Engineering. At Netaji Subhas Engineering College M. Tech. in Computer Science & Engineering, Electronics & Communication Engineering and Instrumentation & Control Engineering are being taught.

Technical Education Quality Improvement Programme (TEQIP) :

Under this project, six states were selected by the National level Selection Committee in the first cycle. In the second cycle, the State of West Bengal has been selected along with six (6) other states. In West Bengal, three (3) Universities have been selected as lead and eight (8) Engineering & Technological Colleges have been selected as network institutions.

The lead institutions are Bengal Engineering & Science University, Jadavpur University and University College of Technology (under Calcutta University).

The Network institutions are Netaji Subhas Engineering College, Kolkata; Asansol Engineering College, Asansol; College of Textile Technology, Serampore; Kalyani Govt. Engineering College, Kalyani; Haldia Institute of Technology, Haldia; Jalpaiguri Govt. Engineering College, Jalpaiguri; College of Ceramic Technology, Kolkata; Institute of Engineering & Management, Kolkata.

An amount of Rs. 62.00 crore has already been disbursed to the 3 Lead and 8 Network institutes. Lifetime allocation under the Project, as approved by GOI is 154.80 crore to be utilized over a period of 4 years ending in 2008.

BUDGET ALLOCATION DURING 2004-2005 FOR GOVT. ENGINEERING & TECHNOLOGY COLLEGES

Sl. No.	Name of the College	Budget provision under '2203' (in Rs.)	Budget provision under '4202'(in Rs.)
1.	Jalpaiguri Govt. Engg. College, Jalpaiguri	10,00,000	10,00,000
2.	Kalyani Engg. College, Kalyani	10,00,000	3,00,000
3.	College of Textile Technology, Berhampore	2,00,000	2,00,000
4.	College of Textile Technology, Serampore	2,00,000	1,50,000
5.	College of Ceramic Technology, Kolkata	1,50,000	75,000
6.	College of Leather Technology, Kolkata	3,00,000	2,00,000
7.	Non-Government Engineering Colleges	10,00,000	—
8.	R. E. College, Durgapur	25,000	—

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION _____

BUDGET ALLOCATION AND FUND SANCTIONED UNDER THE HEAD OF ACCOUNT "2203-TECH.EDN." AND "4202 - CAPITAL OUTLAY ON EDUCATION, SPORTS, ART AND CULTURE" OF ENGINEERING & TECHNOLOGY COLLEGE DURING THE YEAR 2005-2006 (STATE PLAN)

Sl. No.	Name of the College	Major Head "2203-Tech.Edn."		Major Head "4202-"	
		Budget Provision (Rs.)	Amount Sanctioned (Rs.)	Budget Provision (Rs.)	Amount Sanctioned (Rs.)
1.	Jalpaiguri Govt. Engg.College, Jalpaiguri.	20,00,000	29,89,666*	7,00,000	7,00,000
2.	Kalyani Govt. Engg. College, Nadia	18,00,000	17,99,433	6,00,000	6,00,000
3.	College of Textile Technology, Serampore	5,00,000	5,00,000	2,00,000	2,00,000
4.	College of Textile Technology, Berhampore	6,00,000	5,31,000	3,50,000	39,00,000
5.	College of Ceramic Technology, Kolkata	5,00,000	4,94,083	1,00,000	91,400
6.	College of Leather Technology, Kolkata	5,00,000	*75,80,000	3,00,000	14,69,000
7.	R. E. College, Durgapur	10,000	Nil	-	-
8.	Non-Govt. Engg. College	15,00,000	*90,00,000	-	-

N.B. : Additional fund was sanctioned over and above budget provision in some colleges.

EXISTING FACILITIES IN ENGINEERING & TECHNOLOGY COLLEGES :

B.E./B.Tech./B.Pharm and B.HM courses at post-H.S. Level are available in 54 Engineering and Technology Institutes of the State. These includes the 6 (six) university/university faculties, 6 (six) Govt. Engineering & Technology colleges, the Institute of Jute Technology under the Ministry of Textiles, Govt. of India, and rest are private engineering colleges.

The post-B.Sc. level B. Tech. Courses are available at the Faculty of Engineering & Technology, Jadavpur University and the University College of Technology, Calcutta University. Jadavpur University also conducts a part time evening B.E. course for the diploma holder engineering students.

4.1.1 LIST OF A.I.C.T.E. APPROVED ENGINEERING & TECHNOLOGY DEGREE COLLEGES AND UNIVERSITY ENGINEERING FACULTIES/DEPARTMENTS OFFERING ENGINEERING AND TECHNOLOGY COURSES IN DIFFERENT DISCIPLINES ALONGWITH INTAKE CAPACITY

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
1. Bengal Engineering and Science University, P.O.-Botanic Garden, Howrah- 711103, Ph : (033)2668-4561/ 62 / 63, Fax : (033)2668-2916/4564 (Year of Establishment -1856), (D.U since 1992)													
Architecture	22								2				24
Civil Engineering	90												90
Computer Science & Technology	25								-5	40			60
Electrical Engineering	65								-5				60
Electronics & Tele-Communication Engineering	35								-5	30			60
Information Technology							60						60
Mechanical Engineering	65								-5				60
Metallurgical Engineering	35								-5				30
Mining Engineering	30												30
Institution Total (Year wise)	367						60		-23	70			474
2. Jadavpur University Faculty of Engineering & Technology, Jadavpur, Kolkata-700032 (State Aided University), Ph : (033) 2473-4044 / 4495; Fax : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)													
Architecture	20					10							30
Chemical Engineering	60					10							70
Civil Engineering	90					10							100
Computer Science & Engineering	40					20							60
Construction Technology	30					10							40
Electrical Engineering	90					10							100
Electronics & Instrumentation Engineering	20												20
Electronics & Tele-Communication Engineering	50					10							60
Information Technology							40				20		60
Instrumentation Engineering	20										20		40

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Engineering													
Mechanical Engineering	90					10							100
Metallurgical Engineering	20					10							30
Pharmacy	60					10							70
Power Plant Engineering	30					10							40
Printing Engineering	20												20
Production Engineering	30					10							40
Institution Total (Year wise)	670					130	40				40		880

3. Government College of Engineering and Leather Technology, New Campus: L.B-Block, Sector-III, Salt Lake, Kolkata-700091 (A State Govt. Institute), Ph. (033) 2350-1264/7311
Established as an Institute in 1919. B.Sc (Tech) Degree introduced in 1955

Computer Science & Engineering							40					-40	0
Information Technology						40						-40	0
Leather & Footwear Technology	30												30
Institution Total (Year wise)	30					40	40					-80	30

4. College of Textile Technology, Serampore, Dist. Hooghly, Pin-712201 (A State Govt. Institute)
Ph: (033) 26623156/ 1058 Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and B.Tech in 1998

Computer Science & Engineering								40	-10				30
Information Technology							40		-10				30
Textile Technology	30												30
Institution Total (Year wise)	30						40	40	-20				90

5. College of Textile Technology, Berhampore, Dist. Murshidabad, Pin-742101 (A State Govt. Institute)
Ph: (03482) 250142 Established as an Institute in 1927. B.Sc(Tech) degree introduced in 1958 and B.Tech in 1998)

Computer Science & Engineering								40					40
Textile Technology	30												30
Information Technology												40	40
Institution Total (Year wise)	30							40				40	110

6. Jalpaiguri Govt. Engg. College, Jalpaiguri, Pin-735102 (A State Govt. Institute)
Phone -(03561) 255130, Fax : (03561)255131 (Year of Establishment-1961)

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Civil Engineering	45					15							60
Computer Science & Engineering							40					20	60
Electrical Engineering	45				15								60
Electronics & Communication Engineering							40					20	60
Information Technology								40				20	60
Mechanical Engineering	60												60
Institution Total (Year wise)	150				15	15	80	40				60	360

7. College of Ceramic Technology, 73, A.C Banerjee Rd. Calcutta-700010 (A State Govt. Institution)
Ph: (033)23501264/7311 (A Govt. Institute) Established as an Institute in 1941.
B.Sc (Tech) degree introduced in 1962 and B.Tech in 2000

Ceramic Technology	40												40
Computer Science & Engineering								40					40
Information Technology							40						40
Institution Total (Yearwise)	40						40	40					120

8. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute)
Ph: (033)2582-6680/1309 Fax : (033) 25821309, (Year of Establishment-1995)

Computer Science & Technology		30	10		20								60
Electronics & Communication Engineering		30			30								60
Information Technology							40					20	60
Mechanical Engineering		30	10		20								60
Electrical Engineering												60	60
Institution Total (Year wise)		90	20		70		40					80	300

9. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia,
Dist.: Purba Midnapore, Pin.-721657 (Private Institute), Ph: (03224) 52800, Fax : (03224) 52900
(Year of Establishment-1996)

Bio-Technology.								40				20	60
Chemical Engineering			30		30								60
Civil Engineering												60	60

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B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Computer Science & Engineering			30	30									60
Electrical Engineering									40		20		60
Electronics & Communication Engineering				30			30						60
Information Technology							40					20	60
Instrumentation and Control Engineering											60		60
Applied Electronics & Instrumentation Engineering			30		30								60
Mechanical Engineering				40								20	60
Production Engineering								40					40
Institution Total (Year wise)			90	100	60		70	80	40		160	40	640

10. Institute of Engineering & Management, Salt Lake, Y-12, Sector - V, Electronics Complex, Kolkata-91 (Private Institute) Ph: (033) 2357-2059 Fax: (033) 2357-8302 (Year of Establishment-1997)

Computer Science & Engineering							90						90
Electronics & Tele-Communication Engineering				60									60
Information & Multimedia Technology						60							60
Institution Total (Year wise)				60		60	90						210

11. Bankura Unnayani Institute of Engineering, P.O.-Bhagabandh, P.S. & Dist. – Bankura, Pin-722146 (Private Institute) Ph: (03242) 255855/ 255955, Fax: +91-3242-255955 (Year of Establishment-1998)

Computer Science & Engineering				60									60
Electronics & Communication Engineering				60									60
Electronics & Instrumentation Engineering				60									60
Information Technology							40		20				60
Institution Total (Year wise)				180			40		20				240

12. Murshidabad College of Engineering & Technology, P.O Berhampur, P.S Balrampur, Dist Murshidabad. (Private Institute) Ph: (03482) 251191/251196/251136 (Year of Establishment-1998)

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Computer Science & Engineering					40	20							60
Electronics & Communication Engineering					40		20						60
Electronics & Instrumentation Engineering					40				20				60
Information Technology							30	10	20				60
Institution Total (Year wise)					120	20	50	10	40				240

13.College of Engineering & Management, Kolaghat KTPP Township P.S Mecheda, Dist.: Purba Midnapur, Pin: 721171(Private Institute), Ph : (03228) 250971/249443 Fax : 03228-250880, (Year of Establishment-1998)

Computer Science & Engineering					40	20							60
Electrical Engineering					40	20							60
Electronics & Instrumentation Engineering					40				20				60
Information Technology					40	20			20				60
Electronics & Communication Engineering										60			60
Institution Total (Year wise)					160	40			40	60			300

14.Asansol Engineering College, Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341)251426/ 252108, Fax: (0341) 2253056/2254248, (Year of Establishment-1998)

Computer Science & Engineering					60			30					90
Electrical Engineering					60				30				90
Electronics & Communication Engineering					60				30				90
Information Technology					60			30		-30			60
Instrumentation Engineering									40	20			60
Mechanical Engineering										30			30
Institution Total (Year wise)					240			60	100	20			420

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
15. Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O. Panchpota, Dist. 24 Parganas (S) : Ph : (033) 2436/3333/1285, Fax : (033) 2436-1286 (Private Institute) (Year of Establishment-1998)													
Applied Electronics & Instrumentation Engineering												60	60
Bio-Medical Engineering										30			30
Computer Science & Engineering					40		20	30				30	120
Electrical Engineering					60								60
Electronics & Communication Engineering					40		20	30				30	120
Information Technology					40		20	30					90
Institution Total (Year wise)					180		60	90		30		120	480
16. University Science Instrumentation Centre, Kalyani University, Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph : (033) 2582-6680/ 1039, Fax : (033) 2582-6680 (Year of Establishment-1999)													
Electronics & Instrumentation Engineering						40							40
Information Technology						40							40
Institution Total (Year wise)						80							80
17. B.P Poddar Institute of Management & Technology, 137, V.I.P. Road (Mondal Ghanti) Kolkata -700052, (Private Institute), Ph: (033) 25739607/9608/ 9609/ 9610, Fax : 033-2573-9401 (Year of Establishment-1999)													
Computer Science & Engineering						60							60
Electrical Engineering						60		-30		30			60
Electronics & Communication Engineering						60							60
Information Technology						60							60
Institution Total (Year wise)						240		-30		30			240
18. MCKV Institute of Engineering, 243, G.T. Road (North), Liluah, Howrah-711204 (Private Institute) Ph : (033) 26549315/ 16/17/18, Fax : 2242-5487, (Year of Establishment-1999)													

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Automobile Engineering										60			60
Computer Science & Engineering						60		30	-30				60
Electronics & Communication Engineering						60		30	-30				60
Information Technology						60		30	-30				60
Institution Total (Year wise)						180		90	-90	60			240
19.RCC Institute of Information Technology, College of Leather Technology, (Old Campus), Canal South Road, Belegghata, Kolkata- 700015 , (A Govt. aided Institute) Ph : (033) 2216-1463/1400, Fax : (033) 2323-8003 (Year of Establishment - 1999)													
Computer Science & Engineering						60							60
Information Technology						60							60
Institution Total (Year wise)						120							120
20.Birbhum Institute of Engineering & Technology, , P.O. -Suri, Dist—Birbhum, Pin—731101 (A Private Institute) Ph : (03462) 256839, Fax : (03462) 256839, (Year of Establishment-1999)													
Computer Science & Engineering						60							60
Electrical Engineering						60							60
Electronics & Communication Engineering						60							60
Information Technology								40					40
Mechanical Engineering						60							60
Institution Total (Year wise)						240		40					280
21.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin: 734225 Siliguri, Darjeeling, (A Private Institute) Ph: (0353) 2574074, 2574075 Fax : 0353-2574076 (Year of Establishment-1999)													
Bio Technology										30			30
Computer Science & Engineering						60			30				90
Electrical Engineering						60							60
Electronics & Communication Engineering						60							60
Information Technology						60							60
Instrumentation Engineering						60							60
Institution Total (Year wise)						300			30	30			360

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
22. Institute of Jute Technology, 35, Ballygunge Circular Road, Kolkata-700019 (a Central Govt Aided Institution under Ministry of Textile, Govt. of India) Ph : (033) 2475-1985/2476-1166 Fax : 033-2475-0996, Established as an Institute in 1951. B.Tech Degree introduced in 1999													
Jute & Fibre Technology	30												30
Institution Total (Year wise)	30												30
23. Dr. B.C.Roy Engineering College, Durgapur, Jemua Road, Fuljhore, Durgapur-713206 (Private Institute), Ph. (0343) 2502449, Fax : 0343-2545718, (Year of Establishment-2000)													
Mechanical Engineering										30	30		60
Computer Science & Engineering							60						60
Electrical Engineering							60						60
Electronics & Communication Engineering									60				60
Electronics & Instrumentation Engineering							60						60
Information Technology							60						60
B. Pharma												60	60
Institution Total (Year wise)							240		60	30	30	60	420
24. Bengal Institute of Technology, Tech. Town, P.O. Bamonghata, On Basanti Highway, Kolkata, Pin : 700 039. (Private Institute) Ph.: 033-2345-8001/02/03, Fax : 033-2345-8005 (Year of Establishment-2000)													
Bio-Technology.									30				30
Computer Science & Engineering							60						60
Electronics & Communication Engineering							60						60
Information Technology							60						60
Institution Total (Year wise)							180		30				210
25. St. Thomas College of Engineering, 4, Diamond Harbour Road, Kolkata-700 023, (Private Institute), Ph.: 033-2448-1081/1082, Fax : 2448-2914, (Year of Establishment-2000)													
Computer Science & Engineering							60						60
Electrical Engineering							60						60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Electronics & Communication Engineering							60						60
Information Technology							60						60
Institution Total (Year wise)							240						240
26. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137,2138 (Year of Establishment-2000)													
Bio Medical Engineering										30		30	60
Computer Science & Engineering							60	30					90
Electrical Engineering							60						60
Electronics & Communication Engineering							60						60
Electronics & Instrumentation Engineering									40			20	60
Information Technology							60	30					90
Institution Total (Year wise)							240	60	40	30		50	420
27. University Institute of Technology, Burdwan University, P.O. Rajbati, Dist. Burdwan, Pin-713104 (A Govt. aided Institute), Ph. (0342) 2557-800/561-016, Fax.-0342-2564452 (Year of Establishment-2000)													
Applied Electronics & Instrumentation Engineering										30	30		60
Computer Science & Engineering							40	20					60
Electronics & Communication Engineering							40	20					60
Information Technology							40		20				60
Institution Total (Year wise)							120	40	20	30	30		240
28. Gupta College of Technological Sciences, Ashram More, G.T. Road, Asansol-713301 (Private Institute), Ph.(0341) 2213120/2204423/2203839, Fax : 0341-2213120 (Year of Establishment-2000)													
B. Pharmacy							60	30					90
Institution Total (Year wise)							60	30					90

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
29. School of Information Technology, West Bengal University of Technology													
Information Technology							70						70
Institution Total (Year wise)							70						70
30. Dumkal Institute of Engineering & Technology, Mouza Ramna, Etbar Nagar, Basantapur, P.O.: Dumkal, Dist.: Murshidabad, Pin: 742303. (Private Institute), Ph. : (03481) - 230033/230040 Fax : (03481) - 231188, (Year of Establishment-2001)													
Computer Science & Engineering								60					60
Electronics & Communication Engineering								60					60
Electronics & Instrumentation Engineering								60					60
Information Technology								60					60
Institution Total (Year wise)								240					240
31. Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata - 700056. (Private Institute) (Year of Establishment-2001), Ph : 033-2563-7777/8880, 2583-7029													
Computer Science & Engineering								60					60
Electrical Engineering									60				60
Electronics & Communication Engineering								60					60
Information Technology								60					60
Institution Total (Year wise)								180	60				240
32. Techno India, Plot No. EM-4/1, Salt Lake Electronics Complex, Sector - V, Kolkata - 700091. (Private Institute) (Year of Establishment-2001), Ph : 033-2357-5683/84/85, Fax : 033-2357-5686													
Food Technology & Bio-Medical Engineering										30	30		60
Computer Science & Engineering								60					60
Electrical Engineering								60					60
Electronics & Communication Engineering								60		30			90
Information Technology								60					60
Institution Total (Year wise)								240		60	30		330

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
33. Bengal College of Engineering & Technology, Shahid Sukumar Banerjee Sarani, Durgapur - 713212 (Private Institute) (Year of Establishment-2001) Ph. : 0343-2533186 Fax: 0343-2536756													
Applied Electronics &											60		60
Electrical & Electronics Engineering										30	30		60
Bio-Technology.								60					60
Computer Science & Engineering								60					60
Electronics & Communication Engineering								60					60
Information Technology								60					60
Institution Total (Year wise)								240		30	90		360
34. Meghnad Saha Institute of Technology, Madurdaha, Behind Ruby Hospital, (Near NRI Complex) Kolkata - 700 039. (Private Institute) (Year of Establishment-2001) Ph. : 033-24431031/1033 Fax : 033-24431032.													
Civil Engineering										60			60
Computer Science & Engineering								60					60
Electrical Engineering								60					60
Electronics & Communication Engineering									60				60
Information Technology								60					60
Institution Total (Year wise)								180	60	60			300
35. Heritage Institute of Technology, Chowdhaga Road, Anandapur, P.O. : East Kolkata Town Ship, Kolkata - 700 017. (Private Institute) (Year of Establishment-2001), Ph. : 033-2443-0454/0457/0710 Fax : 033-2443-0455													
Bio-Technology.									30	30			60
Chemical Engineering									60				60
Computer Science & Engineering								60					60
Electronics & Communication Engineering								60					60
Applied Electronics & Instrumentation Engineering								60					60

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Information Technology								60					60
Institution Total (Year wise)								240	90	30			360

36. National Power Training Institute (ER) Michael Faraday St. City Center, Durgapur-713216.
(Self-Financing Institute under the Ministry of Power, Govt. of India) (Year of Establishment 2002)
Ph : 0343-2545888 / 2546237, Fax : 0343-2545888

Power Plant Engineering									60				60
Institution Total (Year wise)									60				60

37. Future Institute of Engineering & Management, Kolkata, Ramkrishna Mission Pally, Kolkata-700 150. (Private Institute) (Year of Establishment-2002) Ph : 2434-5640/5615
Fax : 2434-5641

Mechanical Engineering										60			60
Computer Science & Engineering									60				60
Electrical Engineering									60				60
Applied Electronics & Instrumentation Engineering									60				60
Electronics & Communication Engineering									60				60
Institution Total (Year wise)									240	60			300

38. Institute of Technology & Marine Engg., Vill-Jingha, P.O. Amira, P.S-Diamond Harbour, Dist-South 24 Parganas, W.B-743368 (Private Institute), (Year of Establishment-2002)
Ph. : 033-245078/101, Fax : 033-245108

Bio-Technology.									30				30
Computer Science & Engineering									60				60
Electronics & Communication Engineering									60				60
Information Technology									30	30			60
Marine Engineering									60		20		80
Institution Total (Year wise)									240	30	20		290

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
39. Mallabhum Institute of Technology, Braja Radha Nagar (Gopalpur), P.O. Gosainpur,, Dist. : Bankura, W.B.Pin : 722122, (Private Institute) (Year of Establishment-2002) Ph : 03244-255207/208, Fax: 033-24406996													
Electrical Engineering										30			30
Computer Science & Engineering									60				60
Electronics & Communication Engineering									60				60
Information Technology									60				60
Mechanical Engineering											30		30
Production Engineering									60		-30		30
Institution Total (Year wise)									240	30			270
40. Durgapur Institute of Advanced Tech. & Management, G. T. Road, Rajbandh, Durgapur - 713212 (Private Institute) (Year of Establishment-2002) Ph : 0343-2520712, Fax : 0343-2520713													
Chemical Engineering											60		60
Computer Science & Engineering									60		30		90
Electrical Engineering									60				60
Electronics & Communication Engineering									60		30		90
Information Technology									60				60
Institution Total (Year wise)									240		120		360
41. Calcutta Institute of Pharmaceutical Technology & Allied Health Sciences, Banitaba, P.O.: Uluberia, Howrah - 711 316 (Private Institute) (Year of Establishment-2002) Ph : 033-26610499, Fax : 033-28075015													
Pharmacy									60				60
Institution Total (Year wise)									60				60
42. Aryabhatta Institute of Engineering & Management, Panagarh, Panagarh Bazar, Durgapur-713148, Year of Establishment-2003, Ph : 0343/2526415/416/417, Fax : 0343-2526417													
Computer Science & Engineering										60			60
Electronics & Communication Engineering										60			60

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Electrical Engineering										60			60
Information Technology										60			60
Institution Total (Year wise)										240			240

43. Bengal Institute of Technology & Management, Shriniketan Bypass, P.O. Doranda, Birbhum-731236, Year of Establishment-2003, Ph : 03463/271354, Fax : 03463/271353

Applied Electronics & Instrumentation Engineering											60		60
Computer Science & Engineering										60			60
Electronics & Communication Engineering										60			60
Electrical Engineering										60			60
Information Technology										60			60
Institution Total (Year wise)										240	60		300

44. Gurunanak Institute of Technology, 157/F, Nilgunge Road, Panihati, Dist-24 Pgs. (N) Pin-743176 Private Institute, Year of Establishment-2003, Ph. 033-2558-0983, Fax : 033-2528-9000

Computer Science & Engineering										60			60
Electronics & Communication Engineering										60			60
Applied Electronics & Instrumentation Engineering										60			60
Electrical Engineering										60			60
B. Pharma												60	60
B Hotel Management												60	60
Institution Total (Year wise)										240		120	360

45. Sarojmohan Institute of Technology, Guptipara, Dist.- Hooghly, Pin-712 512, Private Institution Year of Establishment-2003, Ph. 03213-262201

Computer Science & Engineering										60			60
Electronics & Communication Engineering										60			60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Electrical Engineering										60			60
Information Technology										60			60
Mechanical Engineering											60		60
Institution Total (Year wise)										240	60		300

46. IMPS College of Engineering & Technology, Nityanandapur, P.O. & Dist.- Malda, Pin-732 101
Private Institution, Year of Establishment-2003, Ph. 03512-27155/251272

Computer Science & Engineering										60			60
Electronics & Communication Engineering										60			60
Electrical Engineering										60			60
Information Technology										60			60
Institution Total (Year wise)										240			240

47. Calcutta Institute of Engineering & Management, 24/1 A, Chandi Ghosh Road, Kolkata-700 040
Private Institution, Year of Establishment-2003, Ph. : 033-2421-5747, Fax : 033-2421-8998

Computer Science & Engineering										60	-1		59
Electronics & Communication Engineering										60	-1		59
Electrical Engineering										60	-1		59
Information Technology										60	-2		58
Institution Total (Year wise)										240	-5		235

48. Academy of Technology, G. T. Road, P.O.: AEDCO, Nagar, Dist - Hooghly, Pin-712121
Private Institution, Year of Establishment-2003

Computer Science & Engineering										60			60
Electronics & Communication Engineering										60			60
Electrical Engineering										60			60
Applied Electronics & Instrumentation Engineering										60			60

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Instrumentation and Control Engineering											60		60
Institution Total (Year wise)										240	60		300
49. Netaji Subhas Chandra Bose Institute of Pharmacy, Tatla, Roy Para, P.O. & P.S. : Chakdaha, Nadia, West Bengal-741 222, Year of Establishment-2004													
B. Pharmacy											60		60
Institution Total (Year wise)											60		60
50. Hooghly Engineering & Technology College, C/o Hooghly Institute of Technology, Hooghly, P.O. & Dist. : Hooghly, Year of Establishment-2004													
Civil Engineering											60		60
Computer Science & Engineering											60		60
Electronics & Communication Engineering											60		60
Electrical Engineering											60		60
Institution Total (Year wise)											240		240
51. Calcutta Institute of Technology, P.O. : Banitabla, P.S. : Uluberia, Dist. : Howrah-711 316, Year of Establishment-2004													
Bio-Medical Engineering											60		60
Chemical Engineering											60		60
Computer Science & Engineering											60		60
Electronics & Communication Engineering											60		60
Institution Total (Year wise)											240		240
52. Techno India College of Technology, New Town, Kolkata-71, (Private Institute) Year of Establishment-2005													
Computer Science & Engineering												60	60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Information Technology												60	60
Electronics & Communication Engineering												60	60
Electrical Engineering												60	60
Institution Total (Year wise)												240	240
53. H. C. Garg Institute of Science and Tech. 124, B. L. Saha Road, Kolkata-700053, (Private Institute) (Yera of Establishment-2005)													
B. Pharm												60	60
Institution Total (Year wise)												60	60
54. University College of Science & Technology, Calcutta University (No Post H.S. B.E. /B.Tech. Course)													
Grand Total at B.E/B.Tech													
(Post Higher Secondary) level	1347	90	110	340	845	1465	1800	1950	1577	2370	1225	740	13849

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post B. Sc.)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
1. Calcutta University, University College of Science & Technology, (A State aided University)													
Chemical Engineering	40												40
Ceramic Technology	10												10
Oil Technology	10												10
Petrochemical & Petroleum Refinery Engineering	10												10
Pharmaceuticals & Fine Chemical Engineering	10												10
Computer Science & Engineering	30						10						40
Electrical Engineering	14									6			20
Information Technology							40						40
Instrumentation Engineering	16									4			20
Opto Electronics	20												20
Polymer Technology	30												30
Radio Physics Electronics	42												42
Institution Total (Year wise)	232						50			10			292
2. Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495 Fax No. : (033) 2473-5508/2413-7121 (Year of Establishment-1955)													
Food & Bio-Technology (B.Tech) Medical Engineering	20										1		21
Instrumentation & Electronics Engineering	20										2		22
Institution Total (Year wise)	40										3		43
Grand Total at B.Tech (Post B.Sc) level	272						50			10	3		335

B. E. (Post Diploma)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
1 Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)													
Civil Engineering (P/T)	40										8		48
Electrical Engineering (P/T)	40										2		42
Mechanical Engineering (P/T)	40										3		43
Institution Total (Year wise)	120										13		133
Grand Total at B. E. (Post Diploma) level	120										13		133

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

Bachelor in Hotel Management	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
1. NSHM School of Hotel Management, Bharati Road, 16th Street, B-Zone, Durgapur-713 205 (Private Institute) (Year of Establishment-2001) Ph. : 0343-2548606/2548607, Fax : 0343-2561045													
Hotel Management								60					60
Institution Total (Year wise)								60					60
2. DMS Durgapur Hotel Management													
Hotel Management									60				60
Institution Total (Year wise)									60				60
Grand Total at Bachelor in Hotel Management level								60	60				120
Upto													
	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
Yearwise Growth of Intake Capacity in B.E./B. Tech. Courses at all levels including Hotel Managements	1739	90	110	340	845	1465	1850	2010	1637	2380	1241	740	14437

N.B. : RE College (NIT) Durgapur with 0 intake is outside the purview of H.E. Department.

4.1.2 FACILITIES IN POST-GRADUATE LEVEL EDUCATION AT M.E./M.TECH. LEVEL IN ENGINEERING AND TECHNOLOGY.

No.	Name of Engineering Technology Colleges / Institute	Subject	Sanctioned Intake	Affiliating University
1)	Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 / 2413-7121 (Year of Establishment-1995)	M.ARCH HOUSING/ URBAN DESIGN (ARCHITECTURE) M. E. M.M.D. (Master Degree) SOFTWARE ENGINEERING POWER MECHANICAL ILLUMINATION COMPUTER SCIENCE CIVIL ENGINEERING INSTRUMENTATION & ELECTRONICS ENGINEERING PRODUCTION ENGINEERING AUTOMOBILE ENGINEERING INDUSTRIAL METALLURGY FOOD TECH. AND BIO-CHEM ENGG. COMMUNICATION ENGG./ CONTROL ENGG/ELECTRONIC DEVICES ELECTRICAL POWER SYSTEM (M.E.E)/HIGH VOLTAGE ENGG. BIO-MEDICAL ENGINEERING CONTROL SYSTEM ENGG./ ELECTRICAL MACHINES CHEMICAL ENGG./MASTER OF CHEMICAL ENGG. WATER RESOURCE AND HYDRAULIC	8 22 18 18 25 18 31 25 8 13 18 10 8 25 25 11 15 19 18	

	M. PHARM/ M.TECH PHARMACEUTICALS & FINE CHEMICAL TECHNOLOGY/ PHARMACEUTICAL ENGG. M. TECH VLSI ENERGY SCIENCE AND TECHNOLOGY NANO SCIENCE & TECHNOLOGY COMPUTER TECHNOLOGY (P/T) MATERIAL ENGINEERING PG-DIPLOMA INFORMATION TECHNOLOGY (Courseware)	25 18 13 18 33 18 18	
	Total :	478	
2) Bengal Engineering & Science University, P.O.-Botanic Garden, Howrah-711103, Ph: (033)2668-4561/62/63 Fax : (033)2668-2916/4564 (Year of Establishment 1856), (D.U. since 1992)	M.E. HIGHWAY AND TRAFFIC ENGINEERING/SOIL MECHANICS AND FOUNDATION INDUSTRIAL METALLURGY ENVIRONMENTAL ENGINEERING ADVANCE MECHANICS AND THEORY OF MACHINES FLUID POWER SYSTEM AND CONTROL HYDRAULICS ENGINEERING MECHANICS OF FLUIDS MECHANICS OF SOLIDS STRUCTURAL ENGINEERING INFORMATION TECHNOLOGY AND COMPUTER ENGG. CONTROL SYSTEM ENGG./ ELECTRICAL MACHINES/POWER ELECTRONICS	27 15 6 18 18 18 18 18 13 16 30	

	DIGITAL SYSTEM AND INSTRUMENTATION/MICROWAVE COMMUNICATION	16	
	HEAT POWER ENGINES/ MACHINE DESIGN/PRODUCTION ENGG.	31	
	PHYSICAL METALLURGY/PROCESS METALLURGY	19	
	MINING ENGINEERING	18	
	GEOTECHNICAL ENGINEERING	13	
	M.T.R.P		
	TOWN AND REGIONAL PLANNING	16	
	Total	310	
3) Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph : (033)2582-6680/1309 Fax : (033) 25821309 (Year of Establishment-1995)	M.TECH		
	COMPUTER ENGINEERING	18	
	PRODUCTION ENGINEERING	15	
	Total	33	
4) College of Textile Technology, Serampore, Dist. Hooghly Pin-712201 (A State Govt. Institute) Ph : (033) 26623156/1058 Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and B.Tech in 1998	M.TECH		
	MECHANICAL PROCESSING OF TEXTILES	10	
	Total	10	
5) Calcutta University, University College of Science & Technology (A State aided University)	M.PHARM / M.TECH		
	PHARMACEUTICALS & FINE CHEMICAL TECHNOLOGY/ PHARMACEUTICAL ENGG.	10	
	M.TECH		
	POLYMER SCIENCE AND TECH.	18	
	OPTICS & OPTOELECTRONICS	18	

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

	BIO-TECHNOLOGY	8	
	COMPUTER ENGINEERING	41	
	ELECTRICAL ENGINEERING.	18	
	RADIO PHYSICS AND ELECTRONICS	40	
	PETROCHEMICALS AND PETROLEUM REFINERY ENGINEERING	10	
	OIL TECHNOLOGY	10	
	PROCESS ENGG/PETROCHEMICALS AND PETROLEUM REFINERY	15	
	ENVIRONMENTAL ENGINEERING AND PLANT SAFETY	8	
	INSTRUMENTATION ENGINEERING	18	
	CHEMICAL ENGG./MASTER OF CHEMICAL ENGG.	25	
	CERAMIC TECHNOLOGY	10	
	M.TECH (EVENING) ELECTRICAL POWER SYSTEM (M.E.E)/HIGH VOLTAGE ENGG.	18	
	Total	267	
6) National Power Training Institute, Durgapur-713209	PG-DIPLOMA OPERATION & MAINTENANCE OF THERMAL POWER STATION	50	
	Total	50	
7) Indian Statistical Institute, 203, Barrackpore Trunk Road Calcutta-700035	M.TECH COMPUTER ENGINEERING QUALITY, RELIABILITY AND OPERATION RESEARCH	25 20	
	Total	45	
8) Technical Teachers Training Institute, Block - FC, Sector-III, Salt Lake, Kolkata-700016	M.E. MANUFACTURING TECHNOLOGY M.TECH MANUFACTURING TECHNOLOGY	18 18	
	Total	36	
	Grand Total	1229	

4.1.3 MASTER OF COMPUTER APPLICATION (MCA) PROGRAMME :

Upto 1994-95 academic session, there were only three universities viz. Jadavpur University, Bengal Engineering & Science University and North Bengal University which offered MCA course to about 100 students.

During the year (2005-2006) M.C.A. has been extended to Techno India, Hooghly.

Institutionwise intake for MCA programme is given in the following table :

LIST OF A.I.C.T.E. APPROVED INSTITUTES AND UNIVERSITY FACULTIES / DEPARTMENTS OFFERING MCA

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
1. Bengal College of Engineering & Technology Sahid Sukumar Banerjee Sarani, Durgapur-713212 (Private Institute) (Year of Establishment-2001) Ph: 0343-2533186, Fax : 0343-2536756													
Master of Computer Application											60		60
Institution Total (Year wise)											60		60
2. Management Institute of Durgapur, Rajbandh, G.T. Road, Near IOC, Durgapur-713213													
Master of Computer Application											60	-15	45
Institution Total (Year wise)											60	-15	45
3. Bengal Engineering and Science University, P.O. Botanic Garden, Howrah-711103 Ph : (033) 2668-4561/62/63 Fax : (033) 2668-2961/4564 (Year of Establishment-1856) (D.U. since 1992)													
Master of Computer Application	30											30	60
Institution Total (Year wise)	30											30	60
4. Calcutta University, University College of Science & Technology (A State aided University)													
Master of Computer Application							40						40
Institution Total (Year wise)							40						40
5. Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)													
Master of Computer Application	40												40
Institution Total (Year wise)	40												40

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MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
6. Regional Engineering College, (NIT), Durgapur, Mahatma Gandhi Avenue, Durgapur-713209 Ph. : (0343)2546397/ 2546406 / 2546594/ 2546390, Fax : (0343)-2546753/2547375 (Year of Establishment-1960)													
Master of Computer Application							40				-40		0
Institution Total (Year wise)							40				-40		0
7. University of North Bengal, Darjeeling - 734 430.													
Master of Computer Application	30												30
Institution Total (Year wise)	30												30
8. Vidyasagar University, P.O.: Vidyasagar University, Midnapore - 721 102.													
Master of Computer Application							40						40
Institution Total (Year wise)							40						40
9. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033) 2582-6680/1039, Fax : (033) 2582-1309 (Year of Establishment-1995)													
Master of Computer Application								30	10				40
Institution Total (Year wise)								30	10				40
10. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute) Ph : (03224) 52800, Fax: (03224) 52900 (Year of Establishment-1996)													
Master of Computer Application									60				60
Institution Total (Year wise)									60				60
11. Asansol Engineering College, Sen Raleigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341) 251426/ 252108, Fax : (0341) 2253056/2254248 (Year of Establishment-1998)													
Master of Computer Application								60					60
Institution Total (Year wise)								60					60
12. Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O Panchpota, Dist.24 Parganas (S), Ph: (033) 2436/3333/1285, Fax : (033) 2436-1286, (Private Institute) (Year of Establishment-1998)													
Master of Computer Application								60	-15	15			60
Institution Total (Year wise)								60	-15	15			60

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
13. Univeristy Science Instrumentation Centre Kalyani University, Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph: (033) 2582-6680 / 1039 Fax : (033) 2582-6680 (Year of Establishment-1999)													
Master of Computer Application							30						30
Institution Total (Year wise)							30						30
14. B.P. Poddar Institute of Management & Technology, 137, V.I.P. Road (Mondal Ghanti), Kolkata-700052, Ph : (033) 25739607/9608/9609/9610, Fax : 033-2573-9401 (Year of Establishment-1999)													
Master of Computer Application										40			40
Institution Total (Year wise)										40			40
15. RCC Institute of Information Technology, Canal South Road, Belegghata, Kolkata- 700015 (A Govt. aided Institute) Ph: (033) 2216-1463/1400, Fax : (033) 2323-8003 (Year of Establishment - 1999)													
Master of Computer Application							60		-15		15		60
Institution Total (Year wise)							60		-15		15		60
16. Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin : 734225, Siliguri, Darjeeling, (A Private Institute), Ph: (0353) 2574074, 2574075 , Fax : 0353-25740756 (Year of Establishment-1999)													
Master of Computer Application								30	30				60
Institution Total (Year wise)								30	30				60
17. Bengal Institute of Technology, Tech. Town, P.O. Bamonghata, On Basanti Highway, Kolkata Pin - 700 039. (Private Institute), Ph.: 033-2345-8001/02/03, Fax: 033-2345-8005 (Year of Establishment-2000)													
Master of Computer Application								60					60
Institution Total (Year wise)								60					60
18. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137, 2138, (Year of Establishment-2000)													
Master of Computer Application							40	20				-5	55
Institution Total (Year wise)							40	20				-5	55
19. University Institute of Technology, Burdwan University, P.O. Rajbati, Dist. Burdwan, Pin-713104 (A Govt. aided Institute), Ph.(0342) 2557-800/2561-016, Fax.-0342-2564452 (Year of Establishment-2000)													
Master of Computer Application							20					10	30
Institution Total (Year wise)							20					10	30

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MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
20. Dr. B. C. Roy Engineering College, Durgapur, Jemua Road, Fujihore, Durgapur-713206 (Private Institute)													
Master of Computer Application												60	60
Institution Total (Year wise)												60	60
21. Pailan College of Management & Tech., Pailan Park Housing Project, Phase-1, Amgachia Road, Off Diamond Harbour Road, P.O. Pailan, W. B. (Private Institute)													
Master of Computer Application									60				60
Institution Total (Year wise)									60				60
22. Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700056 (Private Institute) (Year of Establishment-2001) Ph : 033-2563-7777/8880, 2583-7029													
Master of Computer Application										60		-30	30
Institution Total (Year wise)										60		-30	30
23. Techno India, Plot No. EM-4/1, Salt Lake Electronic Complex, Sector - V, Kolkata - 700091 (Private Institute) (Year of Establishment-2001) Ph: 033-2357-5683/84/85, Fax: 033-2357-5686													
Master of Computer Application									60				60
Institution Total (Year wise)									60				60
24. Academy of Technology, G. T. Road, P.O. AEDCO Nagar, Dist. - Hooghly (Private Institute)													
Master of Computer Application											60		60
Institution Total (Year wise)											60		60
25. Hooghly Engineering College, Hooghly Dist. - Hooghly (Private Institute)													
Master of Computer Application												60	60
Institution Total (Year wise)												60	60
26. Heritage Institute of Technology, Kolkata (Private Institute)													
Master of Computer Application										60			60
Institution Total (Year wise)										60			60

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total
27. Siksha Bhavana, Institute of Science, Visva Bharati (Private Institute)													
Master of Computer Application									15				15
Institution Total (Year wise)									15				15
Grand Total	100						230	220	285	175	155	110	1275

* REC (NIT) Durgapur – 0 intake indicates the Institute is now outside the purview of Higher Education Department.

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION _____

PROPOSED DEVELOPMENT IN ENGINEERING & TECHNOLOGY EDUCATION

1. The State Govt. in the Higher Education Department will issue No Objection Certificates for establishment of a new private engineering & technology colleges selectively for the courses in emerging areas only.
2. Introduction of postgraduate courses in the College of Leather Technology, Kolkata, the College of Ceramic Technology, Kolkata and also in a few well performing private engineering colleges are under consideration.
3. Further development of infrastructural facilities at all the Govt. Engineering & Technology Colleges of the State.
4. The efforts for the development of infrastructural facility for the aided Engineering Institutes would be further supplemented.
5. Action-oriented drive for filling up the vacant posts of faculties & technical supporting staff would be expedited.
6. Qualitative improvement of higher technical education concentrating on consolidation of the gains rather than going on further expansion.

4.2 MANAGEMENT EDUCATION

Indian Institute of Social Welfare and Business Management is the oldest Management Institute not only in West Bengal but also in whole of India, offering MBA (CU) and a few other specialized Management Programmes. Subsequently, Management Programme (PG) was introduced in Central Govt. funded Institutions, in a few state universities and also in a good number of private self financing institutes.

Presently, full time (2 yr. post graduate Management Programme) MBA/PGDBM is imparted in Central Govt. funded institutions like, IIM, Kolkata; IIT, Kharagpur; NIT, Durgapur and Visva Bharati, Santiniketan.

Full time MBA Programme is also imparted within the purview of the Department of Higher Education, West Bengal in the following category of institutes.

Category of Institutions	No. of Institutions
1. University/ University Deptt.	6
2. Engineering Colleges with Management Deptt	13
3. Exclusive Management Institutes	10
Grand Total	29

4.2.1 DISCIPLINE WISE INTAKE CAPACITY OF MANAGEMENT COURSES IN DIFFERENT STATE APPROVED INSTITUTES FOR THE ACADEMIC SESSION OF 2005-2006.

Sl. No	Name and Address of the Institutes	Courses Offered	Year of Introduction of the course	Intake Capacity	Duration	Remarks (University affiliation)
1.	Indian Institute of Social Welfare & Business Management, College Square (West), Kolkata -700073 Establishment: 1953. Ph. : 2241- 8694 / 8695 Fax: 2241-3975 Email : iiswbm@iiswbm.edn Website: www.iiswbm.edn	DTM Diploma in Tourism Management (In association with Inst. of Tourism & Travel Mgt., Gwalior Under the Ministry of Tourism & Culture, Govt. of India) MBA MBA (Evening) (PT) MBA (FT) MHRM MHRM		30 60 90 30	1 yr 3 yrs 2 yrs 2 yrs	Calcutta University for all courses

		PG-DIPLOMA Post Graduate Diploma in Sports Management Post Graduate Diploma in Bio Informatics with ECIT PGDBM Post Graduate Diploma Programme in Business Management (Evening) PGDHRM Post Graduate Diploma Programme in Human Resource Management (PGDHRM - Evening) Public System Management (PSM) Programme Environment Management Health Care & Hospital Management Energy Management Transportation & Logistics Management SIMP Small Industries Management Programme (SIDB Sponsored)		30 40 120 30 30 30 30 30 20	1 Yr. 1 Yr. 3 yrs. 3 yrs. 2 yrs. 6 Months	
2.	Institute of Business Management & Research, (1976) 6/1, Swinhoe Street, Kolkata-700019 Ph. : 2440-6755/7719 Fax : 2841-0729 E-mail : lbmr@vsnl.com	MBA MBA (PT) MBA (FT)	1976	30 60	2 yrs.	W.B.U.T.

3.	Institute of Business Management, (National Council of Education, Bengal), Jadavpur University Campus, Kolkata - 700032 ESTT.-1984 Ph. : (STD:033) 2473-5810 E-Mail : ibmnce@cal3.vsnl.net.in	MBA MBA (FT) MBA (PT)	1985	60 60	2 yrs.	J.U.
4.	National Institute of Personnel Management. 45, Fazlul Haque Sarani (Formerly Jhowtala Road), 1st Floor, Kolkata - 700 019. Estt. - 1980 Ph. : 2247-5650/2280-1759 Fax: 2240-8176 E-Mail: nim@cal2.vsnl.net.in	PGDPM Postgraduate Diploma in Personnel Management (Distance mode)	1978	100	3 yrs.	—
5.	Institute of Engineering and Management, Salt Lake Electronics Complex, Salt Lake, Kolkata - 700 091. Ph. : (Std:033) 2357-2059 Fax : 2357-8302	MBA MBA (FT)	1998	60	2 yrs.	W.B.U.T.
6.	Institute of Management Science, Bharatiya Vidya Bhavan, Block-FA, Sector-III, Salt Lake, Kolkata - 700 091. Ph. : (Std:033) 2335-8754/ 0152, Fax : 2335-1250 E-Mail: bimscal@vsnl.net Website: www.bimscal.org	MBA MBA (FT)	2001	60	2 yrs.	W.B.U.T.
7.	Eastern Institute of Management, 6, Waterloo Street, Kolkata-700069 (Kalyani University) Ph.:2210-0911/0912/0913 Fax: 2210-0909 E-Mail : eiilm@vsnl.com	MBA MBA (FT)	1995	60	2 yrs.	K.U. off-campus

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

8.	Department of Business Administration, University of Burdwan, Rajbati, Burdwan-713104 Ph. : 0342-62266/625439 Ext. 412 Fax : 91-0342-530452	MBA MBA (FT) MBA (Tourism) MBA (Human Resource-FT)	1984	30 25 30	2 yrs.	B.U.
9.	Department of Business Management, University of Calcutta, Khudiram Bose Sarani, Alipore Campus, 1, Reformatory Street, Kolkata -700 027 Ph. : (Std:033) 2479-1645/2861 E-Mail: cumbm@cal3.vsnl.net.in	MBA MBA (FT)	1985-86	30	2 yrs.	C.U.
10.	School of Management Sciences, Bengal Engineering & Science University, P.O. Botanical Garden, Howrah – 711103 Ph. : 2668-4561/4562/4563	MBA MBA (FT)	1985-86	60	2 yrs.	B.E.S.U.
11.	Army Institute of Management, Command Hospital Complex, Bldg. No.117, Alipore, Kolkata-700027 Ph. : 2439-8335/37/38	MBA MBA (FT)	1997	90	2 yrs.	W.B.U.T.
12.	Indian Centre for Advancement of Research & Education (Haldia Institute of Technology) P.O.Debhog, City Centre, Midnapur, Pin -721657 Ph. : (03224) 252-900 Fax : 03224-252-800 E-Mail: kgp-hit-23@sanchamnet.in	MBA MBA (FT) MBA (PT)	1997	60 30	2 yrs.	W.B.U.T.

13.	JIS College of Engineering Block A, Phase-III, Kalyani, Nadia-741235 Ph. : 2580-8640/2582-2165 Fax : 2582-2138	MBA MBA (FT)	2001	60	2 yrs.	W.B.U.T.
14.	Pailan College of Management & Tech., Pailan Park, Housing Project, Phase-I, Amgachia Road, . P.O. Pailan, W.B. Estt. – 2002. Ph. : 2497-8006/8007 Fax : 2453-5605	MBA MBA (FT)		60	2 yrs.	W.B.U.T.
15.	Meghnad Saha Institute of Technology & Management Kolkata-700039 Ph. 2443-1031	MBA MBA (FT)	2001	60	2 yrs.	W.B.U.T.
16.	Department of Business Administration, Kalyani University, Kalyani, Nadia Estt : 1964 Ph. : 2582-8378/8286 Fax : 2582-8282	MBA MBA (FT)	2001	60	2 yrs.	K.U.
17.	Department of Business Administration, North Bengal University	MBA MBA (FT)	2001	40	2 yrs.	N.B.U.
18.	Techno India Plot No.EM-4/1, Salt Lake Electronic Complex, Sector-V, Kolkata-700 091 Ph. : 033-2357-5683/84/85	MBA MBA (FT)	2001	60	2 yrs.	W.B.U.T.
19.	Heritage Institute of Technology Chowdhaga Road, Anandapur P.O. East Kolkata Township, Kolkata-700 017	MBA MBA (FT)	2001	60	2 yrs.	W.B.U.T.

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20.	Bengal College of Engineering and Technology Shahid Sukumar Banerjee Sarani, Durgapur-713213 Ph. : 0343-2533186	MBA MBA (FT)	2003	60	2 yrs.	W.B.U.T.
21.	Management Institute of Durgapur, Rajbandh, G.T. Road Near IOC, Durgapur-713213	MBA MBA (FT)		60	2 yrs.	W.B.U.T.
22.	Narula Institute of Technology 81, Nilgunj Road, Agarpara, Kolkata-700056 Ph. : 033-2563-7777/8880, 2583-7029	MBA MBA (FT)	2001	60	2 yrs.	W.B.U.T.
23.	Bengal Institute of Technology & Management, Sriniketan By Pass, P.O. Doranda, Shantiniketan-731236, Birbhum, West Bengal	MBA MBA (FT)	2002	60	2 yrs.	W.B.U.T.
24.	Future Institute of Engineering & Management, Kolkata, R.K.Mission Pally, Kolkata-700 150 Ph. : 2434-5640/5615 Fax : 2434-5641	MBA MBA (FT)	2002	60	2 yrs.	W.B.U.T.

Grand Total	2415
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CHAPTER – 5

UNIVERSITIES

- 5.1 *General Information***
- 5.2 *Calcutta University***
- 5.3 *Jadavpur University***
- 5.4 *Rabindra Bharati University***
- 5.5 *Burdwan University***
- 5.6 *Kalyani University***
- 5.7 *North Bengal University***
- 5.8 *Vidyasagar University***
- 5.9 *Netaji Subhas Open University***
- 5.10 *West Bengal University of Technology***
- 5.11 *Bengal Engineering & Science
University***
- 5.12 *U.G.C. Recommendations for the 10th
Plan***



CHAPTER – 5

UNIVERSITIES

5.1 GENERAL INFORMATION :

Out of Fifteen State aided universities in West Bengal, ten universities come under the administrative jurisdiction of the Department of Higher Education. A list of the universities is given below. The Department has in recent years, set up two universities. The Netaji Subhas Open University was established in 1997 for the education of the distant learners. The West Bengal University of Technology was set up in 2000 to improve the quality of instruction and research in Engineering and Technology and Management. B.E. College (DU) has been upgraded to Bengal Engineering & Science University by virtue of Bengal Engineering & Science University Act, 2004.

The Bidhan Chandra Krishi Viswavidyalaya (BCKV) and Uttarbanga Krishi Viswa Vidyalaya come under the jurisdiction of the Department of Agriculture. A university for the study of animal sciences and fisheries was created out of the BCKV in 1995 by the Department of Animal Resource Development. A new agricultural university, Uttar Banga Krishi Viswavidyalaya was also carved out of the BCKV in 2001. The West Bengal National University for Juridical Sciences under the jurisdiction of the Department of Law started functioning in 2000. Recent addition to the universities in the State is The West Bengal University of Health Sciences which started functioning from 1st January, 2003. In 2005, Ramkrishna Mission Vivekananda Education and Research Institute, the first private self financing Deemed University has been established at Belurmath.

5.1.1 NAME OF THE STATE AIDED UNIVERSITIES WITH THEIR TERRITORIAL JURISDICTION IN THE STATE OF WEST BENGAL.

UNIVERSITIES UNDER THE JURISDICTION OF THE DEPARTMENT OF HIGHER EDUCATION

Name of The University	Date of Establishment	Address	Territorial Jurisdiction
1. University of Calcutta	24 January, 1857	College Street, Senate House, Calcutta-700073; Phone : 2241-0071, 2241-4984 Fax : 2241-3222 Website : www.caluniv.ac.in Email : registrar@cuccernet.in	The whole of the West Bengal excluding the area of jurisdiction of other Universities established by law within West Bengal. The jurisdiction of the Calcutta University extends to the districts of Howrah, North & South

UNIVERSITIES

			24 Parganas including Hapur P.O. of North 24 Parganas and the Calcutta district including North 24 Parganas (See the list of the colleges in the appendixes and Sanyaspara Subdivisions of the district of Hooghly)
2. Jadavpur University	24 December 1965	Jadavpur, Calcutta - 700032. Phone : 2414-6666, 6194, 6643 Fax : (91)-033-2414-6414 Website : www.jadavpur.edu Email : registrar@jpu.ac.in	A radius of two miles from the university office at Jadavpur
3. University of Burdwan	15 June 1960	Rajbati, Burdwan, Dist - Burdwan Pin - 713104 Phone : (0342) 251413 Fax : (0342) 251442 Website : www.burduuniversity.ac.in Email : info@burduuniversity.ac.in	Districts of Burdwan, Bankura, Burdwan, Paschim Medinipur and Hooghly including Sanyaspara Subdivisions
4. University of Nadia	1 November 1960	Nadia, Dist. Nadia Pin - 741201 Phone : (0344) 200200 Fax : (0344) 200202 Website : www.nadiauniversity.ac.in Email : nauniv@nadiauniversity.ac.in	Districts of Nadia, Murshidabad and Hooghly P.O. Station of North 24 Parganas
5. Rabindra Bharati University	2 May 1962	60A, B.T. Road, Calcutta - 700016 Phone : (033) 2414141 Fax : (033) 2414142 Website : www.rabindrabharatiuniversity.net Email : reg@rabindrabharatiuniversity.net	All institutions in the State teaching Sanskrit, Hindi, Urdu and Persian get exempt the Government College of Art & Craft
6. University of North Bengal	1 July 1960	Raja Ram Mohan Roy PO - North Bengal University Dist. Darjeeling Pin - 734435	Districts of Bhatar, Darjeeling, Jalpaiguri, Malda, North Dinajpur and South Dinajpur

		Phone: 000000000000 Fax: 0000 000000 Website: 000000000000 Email: 000000000000	
7. University University	28 September 1991	Prof. University University Unit: 000000 Ph: 000000 Phone: 0000000000000000 Fax: 0000000000000000 Website: 0000000000000000 Email: 0000000000000000	The world of University
8. World Bank World Bank	28 August 1991	8. World Bank Phone: 0000000000 Fax: 0000000000 Website: 0000000000000000 Email: 0000000000000000	The world of World Bank
9. World Bank University of Technology	28 August 1991	9. World Bank Phone: 0000000000 Fax: 0000000000 Website: 0000000000000000	The world of World Bank
10. World Bank University of Technology	28 August 1991	10. World Bank Phone: 0000000000 Fax: 0000000000 Website: 0000000000000000	The world of World Bank

UNIVERSITIES

UNIVERSITIES UNDER THE JURISDICTION OF OTHER DEPARTMENTS OF THE STATE GOVT.

1. Bidhan Chandra Krishi Viswavidyalaya	1 September, 1974	P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252. Ph : (033) 2585-8163 Fax : (034730)-222275	The whole of West Bengal.
2. University of Animal and Fishery Sciences	2 January, 1995	37 & 68, Khudiram Bose Sarani, Belgachia, Calcutta – 700 037. Ph : 2556-3396, 2556-5021 Fax : 091-033-2557-1986	The whole of West Bengal.
3. W.B.National University of Juridical Sciences	22 April, 2000	NUJS Bhaban, 12 LB Block, Sector-III, Salt Lake, Eastern Bypass, Calcutta-700 091 Ph : 2335-0534/7379 Fax : 033-2335-7422 Website : www.nujs.edu Email : nujs@cal3.vsnl.net.in	The whole of West Bengal
4. Uttar Banga Krishi Viswavidyalaya	1 February, 2001	P.O.-Pundibari, Dist-Cooch Behar Ph : 03582-270141/249 Website : www.uttarbanga.net/ubkv.htm Email : mondal@redifmail.com	Malda, South Dinajpur, North Dinajpur, Darjeeling, Jalpaiguri, Cooch Behar
5. West Bengal University of Health Science	2 December, 2002	DD-36, Sector -1, Salt Lake, Kolkata-700 064 Ph : 2321-5388 Fax : 23215389 Website : www.wbhus.org/data Email : vc@wbuhs.org	The whole of West Bengal
6. Ramkrishna Mission Vivekananda Education and Research Institute (RKMVERI) (Deemed University under UGC Act)	2005	P.O. Belur Math, Dt. Howrah, Pin-711202 Telefax : 033-26549999 E-mail : rkmveri@gmail.com atmapriyananda@gmail.com	The whole of West Bengal

5.1.2 FINANCIAL GRANTS RELEASED TO THE STATE-AIDED UNIVERSITIES, BENGAL ENGINEERING & SCIENCE UNIVERSITY AND W.B. STATE COUNCIL OF HIGHER EDUCATION FROM HIGHER EDUCATION DEPARTMENT DURING 2005-2006

(Rs in lakhs)

Sl. No.	Name of the Universities	Salary grants released (NON-PLAN)	Other grants released (NON-PLAN)	Grants released under other heads of account (NON PLAN)	Total grants released (NON-PLAN)	Salary grants released (PLAN HEAD)	Other grants released (PLAN HEAD)	Grant released for Construction (PLAN HEAD)	Grants released for Books, Journals (PLAN HEAD)	Total Grants released (STATE PLAN)
(1)	(2)	(3)	(4)	(5)	(6) [(3)+(4)+(5)]	(7)	(8)	(9)	(10)	(11)
1.	Calcutta	6853.77	593.73	6.20	7465.91	-	-	55.02	30.00	85.02
2.	Jadavpur	5559.23	537.32	1.51	6098.06	-	-	17.10	25.00	42.10
3.	Kalyani	1829.98	342.92	-	2172.90	-	-	53.54	6.00	59.54
4.	Burdwan	2849.29	287.36	1.50	3138.15	-	-	45.02	15.00	60.02
5.	North Bengal	1846.68	356.88	0.80	2204.36	-	-	25.79	25.00	50.79
6.	Rabindra Bharati	1088.64	88.08	0.25	1176.97	-	-	31.27	12.00	43.27
7.	Vidyasagar	464.61	88.08	-	525.69	-	-	6.00	6.00	12.00
8.	B.E. & Sc. University	1155.52	78.79	-	123.43	-	200.00	-	-	-
9.	Netaji Subhas Open University	-	-	-	-	45.00	14.00	15.00	-	74.00
10.	W.B. State Council of Higher Education	9.84	2.59	-	12.43	9.00	4.00	0.52	-	13.52
11.	W.B. University of Technology	-	-	-	-	146.05	11.60	3.24	-	16.09

UNIVERSITIES

5.1.3 ACADEMIC STRUCTURE

Academic activities of the universities are carried out through various departments under different Faculty Councils. The Deans of these Councils advise on academic matters and co-ordinate the departmental programmes. For the planning and implementation of the academic programmes of the departments, there is a departmental committee in each of them. The Head of the Department is the Chairman of the said committee. The Board of Studies under each Faculty Council plans and reviews the syllabus and assists the examination process.

5.2 CALCUTTA UNIVERSITY (1857)

The Calcutta University along with the Bombay University and the Madras University was established in 1857. The university is now being governed by the Calcutta University Act, 1979 which came into force on February 10, 1983.

The Calcutta University affiliates colleges mostly at the under-graduate level and also offers courses directly at the post-graduate level. A number of colleges affiliated by the University is 204. The university has allowed a few of its affiliated colleges including the Presidency College, the Maulana Azad College and the Dinabandhu Andrews College to teach at the post-graduate level.

The Calcutta University has four campuses, namely,

- ASHUTOSH SHIKSHYA PRANGAN at 87/1, College Street,
- RASHBEHARI SHIKSHYA PRANGAN at Rajabazar,
- TARAKNATH SHIKSHYA PRANGAN at 35, Ballygunge Circular Road, and
- SAHID KHUDIRAM SHIKSHYA PRANGAN at Alipore.

It has 58 departments and offers 80 courses to nearly 12,000 post-graduate students.

The university monitors and awards Ph. D. degrees to research scholars. On an average, the Ph.D. degree is awarded to 175 students each year. According to a **NISSAT** report, in terms of output and impact, the university is among the first ten universities of the country in research on science and technology. The **UGC** has awarded **CAS/DSA/DRS/COSIST** programmes to more than fifteen departments of the university on the basis of research performance.

The four major campuses of the university have leased line access to the **VSNL** server. Through optical fibre network different departments and faculty members get access to E-mail and Internet facilities by router system. The central library is automated by using **SOUL** developed by **IFILIBNET**.

The university has created the B.C. Guha Center for Genetic Engineering and Biotechnology and the S.N. Pradhan Institute of Neuroscience with financial assistance from NRIs and eminent individuals.

The State Government and the Government of India have also extended financial assistance to the B.C. Guha Centre.

The National Assessment and Accreditation Council (NAAC) visited the university and awarded a five star status to it in May 2001. The University has also been declared by UGC as the "University with potential for excellence".

5.2.1 VARIOUS DEPARTMENTS OF THE UNIVERSITY AS LOCATED IN DIFFERENT CAMPUSES ARE INDICATED BELOW :

- (a) ASHUTOSH SHIKSHYA PRANGAN, College Street, Ph. 241-0071 (6 lines)
Teaching Departments :
Arabic & Persian, Bengali Language & Literature, Commerce, English, French, Hindi, Library & Information Science, Linguistics, Languages (Foreign), Pali, Urdu, Sanskrit, Journalism & Mass Communication.
- (b) RASHBEHARI SHIKSHYA PRANGAN, 92, A.P.C. Road, (Rajabazar) Ph. 350-8386/6387
Teaching Departments :
Chemistry, Applied Mathematics, Applied Physics, Applied Psychology, Bio-Physics, Molecular Biology & Genetic, Centre for Atmospheric Science, Chemical Engineering, Chemical Technology, Chemistry, Computer Science & Engineering, Electronic Science, Physiology, Radio Physics & Electronics, Polymer Science & Technology, Psychology.
- (c) TARAKNATH SHIKSHYA PRANGAN, 35, Ballygunge Circular Road, Calcutta-19
Ph. 475-3680-82/4681
Teaching Departments :
Agriculture, Anthropology, Bio-chemistry (Including Bio-Technology & Environmental Science), Botany, Geography, Geology, Marine Science, Pure Mathematics, Statistics, Zoology.
- (d) HAZRA ROAD CAMPUS, 51/1 and 51/2 Hazra Road, Calcutta-19, Ph. 475-5801
Teaching Departments : Law.
- (e) SAHID KHUDIRAM SHIKSHYA PRANGAN, 1, Reformatory Street, Alipore, Calcutta-27
Ph. 479-1645/2861
Teaching Departments :
Education, Philosophy, Political Science, Sociology, History, Islamic History & Culture, Ancient Indian History & Culture, Museology, Business Management, Archaeology.
- (f) B. T. ROAD CAMPUS, 56A B.T. Road, Calcutta-50, Ph. 557-5082
Teaching Department : Economics.

UNIVERSITIES

- (g) COLLEGE OF MEDICINE CAMPUS, 244, A.J.C. Bose Road, Cal-20 Ph. 248-2041/2084
Teaching Department : S. N. Pradhan Centre for Neuroscience.
- (h) JUDGES COURT ROAD CAMPUS, Judges Court Road, Alipore, Ph. 479-5594
Teaching Department : Department of Home Science.

5.2.2 FACULTIES & DEPARTMENTS

A list of FACULTY COUNCILS for Post Graduate Studies of the University together with the University Departments attached thereto are given below :

- (i) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS
Departments of Ancient Indian History & Culture, Arabic & Persian, Archaeology, Bengali Language and Literature, Economics, English, French, Hindi, History, Islamic History & Culture, Linguistics, Museology, Pali, Philosophy, Political Science, Sanskrit, Sociology and Tamil.
- (ii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN COMMERCE, SOCIAL WELFARE & BUSINESS MANAGEMENT
Departments of Business Management, Commerce.
- (iii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN LAW
Department of Law.
- (iv) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN EDUCATION, JOURNALISM AND LIBRARY SCIENCE
Departments of Education, Journalism & Mass Communication, Library & Information Science.
- (v) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN FINE ARTS, MUSIC AND HOME SCIENCE
Departments of Home Science.
- (vi) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ENGINEERING AND TECHNOLOGY
Departments of Applied Physics, Chemical Technology, Chemical Engineering, Computer Science and Engineering, Polymer Science and Technology, Radio Physics & Electronics.
- (vii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE
Departments of Anthropology, Applied Mathematics, Applied Psychology, Bio-Chemistry, Bio-Physics, Botany, Chemistry, Geography, Geology, Marine Science, Molecular Biology & Genetics, Physics, Physiology, Pure Mathematics, Statistics, Zoology, Electronic Science, Psychology.

- (viii) **FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN AGRICULTURE SCIENCE & VETERINARY SCIENCE**
Department of Agricultural Chemistry, Agronomy, Horticulture, Genetics and Plant Breeding, Plant Physiology, Seed Science and Technology.

5.2.3 COUNCIL FOR UNDERGRADUATE STUDIES

- (i) Council for Under-Graduate Studies in Arts, Science, Commerce, Home Science, Fine Arts and Music.
- (ii) Council for Under-Graduate Studies in Medicine, Dental Science, Homoeopathy, Veterinary Science, Nursing and Ayurved.
- (iii) Council for Under-Graduate Studies in Engineering and Technology.

5.2.4 The following departments of the University have been recognised by the UGC as Centres of Advanced Study (CAS) in the Thrust Areas :

Departments of Botany, Chemistry, Radio Physics & Electronics.

5.2.5 The following departments of the University have been selected as Departments for Special Assistance (DSA) by the U. G. C. :

Departments of Bio-Physics, Physics, Applied Mathematics, Anthropology, Bio-Chemistry, History, Journalism and Mass Communication, Commerce.

5.2.6 The following departments of the University have been recognised by the UGC as DSA :

Departments of Statistics, Geology, Business Management, English.

5.2.7 Grants under the COSIST Scheme of the U. G. C. have been sanctioned in favour of the following

Departments of the University :

Departments of Bio-Physics, Applied Mathematics.

In addition to the courses of various departments mentioned above, a number of courses are offered by other constituent Colleges/Institutions of this University as given below :

5.2.8 Name of the courses taught by the University directly: (Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.

Sl. No.	Department	Subject offered	Course with Intake Capacity	Selection Criteria In order of Merit
A. Faculty Council for P.G. Studies in Engineering and Technology				
1.	Chemical Engineering	Chemical Engineering	B. Tech. - 40 M. Tech. - 25	"
2.	Chemical Technology	Ceramic Engineering Oil Technology Petrochemicals and Petroleum Refinery Engineering Pharmaceutical Technology	B.Tech. - 40 M. Tech. - 40	"
3.	Computer Science and Engineering	Computer Science and Engineering Computer and Information Sc.	B.Tech. - 40 M. Tech. - 40 M. Sc. - 30	"
4.	Radio Physics & Electronics	Radio Physics & Electronics	B. Tech. - 42 M. Tech. - 40	"
5.	Polymer Science and Technology	Polymer Science and Technology	B. Tech. - 30 M.Tech. - 18	"
6.	Applied Physics	Electrical Engineering Instrumentation Engineering Optics and Optoelectronics	B.Tech - 20 M.Tech - 18 B.Tech - 20 M.Tech - 18 B.Tech - 20 M.Tech - 18	"
7.	Computer Centre	Master of Computer Application	MCA - 40	"
B. Faculty Council for P.G. Studies in Science				
1.	Physiology (Sc.)	Physiology (Sc.)	M.Sc. - 39	"
2.	Anthropology	Anthropology	M.Sc. - 28	"
3.	Applied Math	Applied Math	M.Sc. - 44	"

4.	Psychology	Psychology	M. Sc. - 34	"
5.	Pure Math.	Pure Math	M. Sc. - 71 (M.Phil)	"
6.	Physics	Pure Physics	M.Sc. - 75	"
7.	Applied Psychology	Applied Psychology	M.Sc. - 34	"
8.	Statistics	Statistics	M.Sc. - 30	"
9.	Chemistry	Pure Chemistry	M.Sc. - 70	"
10.	Botany	Botany	M.Sc. - 50	"
11.	Zoology	Zoology	M.Sc. - 71	"
12.	Marine Science	Marine Science	M.Sc. - 18	"
13.	Biochemistry (Sc.)	Biochemistry Bio-Technology Electronic Science Microbiology Environmental Sc.	M.Sc. - 62 M.Sc. - 06 M.Sc. - 25 M.Sc. M.Sc.	"
14.	Geography	Geography	M.Sc. - 115	"
15.	Geology	Geology	M.Sc. - 28	"
16.	Bio-Physics Molecular Biology and Genetics	Bio-Physics Molecular Biology and Genetics Bio-Informatics	M.Sc. - 12 (P.G.Diploma 1 yr.)	"

C. Faculty Council for P.G. Studies in Agriculture

1.	Agriculture	Plant Physiology	M.Sc. - 65	"
		Genetics & Plant Breeding		"
		Horticulture		"
		Agronomy		"
		Seed Sc. & Technology		"
		Agri. Chem. & Soil Sc.		"

D. Faculty Council for P.G. Studies in Arts				
1.	English	English	M.A - 242 M.Phil-10	"
2.	French	French	M.A - 15	"
3.	Economics	Economics	M.A - 220 M.Phil-10	"
4.	Ancient Indian History and Culture	Ancient Indian History and Culture	M.A - 121	"
5.	Hindi	Hindi	M.A - 94 M.Phil-15	"
6.	History	History	M.A - 150 M.Phil-20	"
7.	Islamic History Culture	Islamic History Culture	M.A - 167	"
8.	Museology	Museology	M.A - 20	"
9.	Pali	Pali	M.A - 28 M.Phil-10	"
10.	Arabic & Persian	Arabic & Persian	M.A - 55	"
11.	Archaeology	Archaeology	M.A - 24	"
12.	Bengali	Bengali	M.A - 363 M.Phil-20	"
13.	Linguistics	Linguistics	M.A - 88	"
14.	Philosophy	Philosophy	M.A - 231 M.Phil-20	"
15.	Political Science	Political Science	M.A - 242 M.Phil-20	"
16.	Sanskrit	Sanskrit	M.A - 152 M.Phil-10	"
17.	Language	Russian - German, Chinese, French, Hindi, Bengali, Arabic, Persian, Pali	M.A. Certificate/Diploma	"
18.	Sociology	Sociology	M.A - 55	"
19.	Tamil Studies	Tamil Studies	M.A - 10	"
20.	Urdu	Urdu	M.A - 75	"
E. Faculty Council for P.G. Studies in Commerce and Business Management				
1.	Commerce	Commerce	M.Com -D-350 E-440	"
2.	Business Management	Business Management	M.B.M. - 33	"

F. Faculty Council for P.G. Studies in Journalism, Library Science and Education				
1.	Journalism	Journalism and Mass Communication	M.A. 60 1 yr. P.G. Diploma	"
2.	Library & Inf. Sc.	Library & Inf. Sc.	B. Lib - 110 M. Lib - 15	"
3.	Education	Education	M.A. - 125 B.Ed - 185	"
G. Faculty Council for P.G. Studies in Law				
1.	Law	Law	L.L.B - 320 L.L.M - 15	"
Others				
1.	S. N. Pradhan Neuro Science	Neuro Science (Research Work)		"

5.2.9 TYPES OF COLLEGES / INSTITUTIONS

1. General Degree Colleges (B.A./ B.Sc. / B. Com.) – 160
2. B. Ed. Colleges / Departments / Physical Education Colleges – 24
3. Art College – 1
4. Music College – 1
5. Law Colleges – 6
6. Medical / Homeo / Ayurvedic Colleges etc. – 24 (Recently transferred to W. B. University of Health Sciences)
7. Horticulture Institute / Management Institute – 1
8. Special Institute – 1

5.2.10 HIGHLIGHTS OF THE ACTIVITIES OF THE UNIVERSITY DURING 2005-2006

Registry : There were approximately 94800 students in the year 2005-2006 got themselves registered with the University for carrying on different courses of studies. The department has fully computerised the registration process and issuing the Registration Certificate in a computerised format.

Ph.D. Registration : The total number of candidates granted Ph.D registration during the year 2005 was 385.

UNIVERSITIES

New Courses Introduced by this University :

1. 2- years M.A. / M.Sc. in Human Development.
2. 2-years M.V.A.
3. 4½ years Degree course in Unani Medicine and Surgery.
4. 1-year Certificate course in Media Studies.
5. 1-year post M.Sc. Diploma course in Bio-informatics.
6. 2-years M Sc course in Computer and Information Science
7. 2-years M.Sc. course in Bio-technology.
8. 2-years M.Sc. course in Nursing.
9. 2-years M.A course in Tamil.
10. 3-years M.C.A course.
11. 2-years M.Sc. course in Environmental Science.
12. 3-years B Tech course in Information Technology
13. 2-years M.Sc. course in Microbiology.
14. 1-year PG Diploma in Journalism and Mass Communication
15. 3-years B.B.A(Honours).
16. B A /B Sc /B Com Vocational course replaced by B A / B Sc / B Com Majore course

New Affiliation :

During the period under review 4 newly established colleges have been given affiliation by the University Extension of affiliation in 29 different subjects was granted to 72 colleges

Autonomous College :

One of the major recent developments has been the conformation of autonomous status on St Xavier's College, Kolkata. It is the first autonomous college under this University of Calcutta. An Autonomous College will conduct its own examinations and set its own curricula but degrees will continue to be awarded by the University.

Convocation :

On 27th March 2006 Convocation was held to confer the degree of Doctor of Science, Honoris Causa on Prof. Andre Beteille and Dr Sankar Lal Adhya, and the Doctor of Literature, Honoris Causa.

on Prof. Parag Mehta. Prof. Andre Belonje also delivered the convocation speech. Eminent Teacher Awards for 2005 were conferred on Prof. Anil Kumar Datta Gupta, Prof. Archana Sharma, Prof. Indal Kumar Chattopadhyay, Prof. Rajat Sen Gupta and Prof. Mihir Choudhury.

Asutosh Museum :

The Asutosh Museum of Indian Art has been given a new look this year after a thorough refurbishing, redecorating, repainting and rearrangements of the exhibits. This new look museum has attracted visitor both from India and abroad in unprecedented numbers.

During the period under review, the work of documentation of Art and Archaeological material in the Asutosh Museum has also made significant progress. 351 items consisting of excavated terracottas from Chandrakrupa path, Betachampa, 24 Paraganas(N) and folk art objects from West Bengal, Bangladesh, Orissa and Jharkhand have been entered into the Register.

Placement Cell :

During the period since the last convocation, 191 students have so far been placed in jobs through this cell in companies such as Heustan Lever Limited, HCL Technologies Ltd, Tata Consultancy Services, Tata Chemicals Ltd, Hindia Petrochemicals Ltd etc.

Present Achievement :

- In December 2005 the University Grants Commission has conferred on the University of Calcutta the status of a University with Potential for Excellence (UPE).
- The Times Educational Foundation, a London based organisation engaged in educational research, has recently published a global ranking of universities in a publication entitled The Times Higher Education Supplement. In this ranking the University of Calcutta has taken its proud place among the top 100 universities of the world in the Arts and Humanities section.
- Every year the Institute of Higher Education, Shanghai Jiao Tong University, China has been publishing a list of the world's top 1000 institutions of higher learning. The most recent list is now available on the internet under the heading "Academic Ranking of the World Universities, 2005". University of Calcutta is the only University from India and also from the SAARC region to appear on the list.

5.3 JADAVPUR UNIVERSITY (1955)

In the year of 1905-06, the attempt of the British rulers to partition Bengal led to a countrywide agitation. The intense nationalist movement found cultural expression in one form of reaction against the prevalent system of education. The National Council of Education, Bengal, was started in 1906 'To impart and promote the imparting of Education – Literary and Scientific, as well as Technical and professional – on national lines and exclusively under national control, not in opposition to, but standing apart, from existing system of Primary, Secondary and Collegiate Education.

The foundation of the National Council of Education, Bengal, was made possible by three generous donors: Raja Subodh Chandra Mallik, Brojendra Kishore Roy Chowdhury of Gouripur and Maharaja Surya Kanta Acharyya Choudhury Bahadur of Mymensingh. The first President of NCE, Bengal was Sir Rash Behari Ghose. Thereafter Rabindranath Tagore, Sri Aurobindo, Dr. Bidhan Chandra Roy, Prafulla Chandra Ray and other eminent leaders were associated with it.

Under the leadership of Sir Rash Behari Ghose, a society named 'Society for Promotion of Technical Education in Bengal' in parallel to NCE, Bengal, was founded with the objective of imparting scientific and technical education for industrial progress. The Bengal Technical Institution (later known as the College of Engineering and Technology, Bengal) was started in the wake of such efforts. In 1910 the Society for Promotion of Technical Education in Bengal was amalgamated with NCE, Bengal.

At the time of Independence the College of Engineering and Technology, Bengal was virtually functioning as a University. Under the statutory recognition of the Govt. of West Bengal, on 24 December 1955 the institution was accorded the status of a University and its name was altered to 'Jadavpur University'.

5.3.1 FACULTIES & DEPARTMENTS

UNDER-GRADUATE COURSES :

A Faculty of Science :

B.Sc. Hons. (Day Course) – 3 years (6 Semester)
Chemistry, Geological Science, Mathematics, Physics.

B. Faculty of Arts :

B.A. Hons. (Day Course) – 3 years (6 semester)
Bengali, Comparative Literature, Economics, English, History, Library & Information Science, Philosophy, Physical Education. Political Science, Sanskrit.
B.A. Hons. (Eve. Course) – 1 Year examination system Library & Information Science.

C. Faculty of Engineering & Technology :

B.E. (Day Course) – 4 years (8 semester)

Chemical Engg., Civil Engg., Computer Sc. & Engg., Construction Engg.,
Electrical Engg., Electronics & Telecommunication Engg., Information Technology,
Instrumentation & Electronics Engg., Mechanical Engg., Metallurgical & Material Engg.,
Pharmaceutical Tech., Power Engg., Printing Engg., Production Engg.

B.Tech. (Post B.Sc.) (Day Course) – 3 years (6 Semester.)

- i. Food Tech. & Bio-Chem Engg.,
- ii. Instrumentation & Electronics Engg.

Architecture Engg. B. E. (Day Course) – 5 years (10 Semester)

B. E. (Eve. Courses) – 5 Years (10 Semester)

Civil Engg., Electrical Engg. & Mechanical Engg.

POST-GRADUATE COURSES :

A. Faculty of Science :

M.Sc. (Day Course) – 2 years (4 Semester)

Chemistry, Applied Geology, Mathematics, Electronics Science & Physics.

M. Tech. in Bio-Technology – 1½ years (3 Semester)

M.Phil. in Environmental Science.- 2 years

M.Sc. (Eve. Course) – 3 years (6 Semester)

Chemistry, Mathematics & Physics.

B. Faculty of Arts :

M.A. (Day Course) – 2 years (4 Semester)

Bengali, Comparative Literature, Economics, English, History, International Relation,
Library & Information Science, Philosophy, Physical Education, & Sanskrit

M.A. (Eve. Course) .- 3 years (6 Semester)

Bengali, Economics, English, History, Philosophy

M.Phil. in Arts – 2 years

Bengali, Comparative Literature, Economics, English, History, International Relation,
Philosophy, Sanskrit, Sociology & Women Studies.

C. Faculty of Engineering & Technology :

M.E. /M.Tech./ M.Pharm. (Day Courses) – 2 years (4 Semester)

Architecture Engg., Chemical Engg., Civil Engg., Computer Sc. & Engg., Electrical Engg., Electronics & Telecommunication Engg., Food Tech. & Bio-Chemical Engg., Software Engg., Instrumentation & Electronics Engg., Mechanical Engg., Metallurgical & Material Engg., Pharmaceutical Tech., Production Engg., Master of Bio-Medical Engg., Master of Control Engg., Master of Water Resource Engg., M.Tech. in Energy Science, M.Tech. in Material Sc., Master of Multimedia Development.

Master in Computer Application (MCA) – 3 years (6 Semester)

M.Tech. in Computer Technology (Eve.) – 3 years (6 Semester)

B. Ed (Special Education) course in Locomotor & Neuromuscular Disorders & Mental Retardation and P.G. Diploma in Bioinformatics.

D. Following Language courses are also conducted by the University –

French, German, Italian, Spanish, Bengali, Japanese, Hindi, Sanskrit, Portuguese, Russian, Tamil.

E. New Courses :

Faculty Council of Arts –

2 years Post Graduate Diploma Course in Digital Library Management (Evening)

2 years Post Graduate Diploma Course in Yoga Therapy.

Faculty Council of Science –

Dept of Instrumentation Science –

- 1 yr. P.G. Diploma in Instrumental Techniques in Chemical.
- 25 weeks Certificate course on Training of Lab. Asst.

Faculty Council of Engineering & Technology –

M.E. (Automobile Engineering) - {two years full time} - Dept. of Mechanical Engineering.

Master of Illumination Engineering.- {two years full time}- Dept. of Electrical Engineering.

Master of Power Engineering {two years full time} - Dept. of Power Engineering.

Master of Clinical Pharmacy & Pharmacy Practice - {two years full time} - Dept. of Pharmaceutical Tech.

Master of Nanoscience & Technology - 2 years Day Time

Master of VLSI Design & Micro- Electronics Technology. (Eve. Course) – 3 Years

M.Tech. in Distributed and Mobile Computing (Eve. Course) – 3 Years

Multi-modal Digital Distance Education –

- M.Tech IT Courseware Engg. - 2 years
- P.G. Diploma in Multi-Media & Web Technology.

5.3.2 INTERDISCIPLINARY SCHOOLS

- School of Study in Environmental Radiation & Archaeological Science
- School of Bioscience & Engineering
- School of Education Technology
- School of Energy Studies
- School of Environmental Studies
- School of Illumination Science, Engg. & Design
- School of Advanced Studies on Industrial Pollution Control Engg.
- School of International Relations and Strategic Studies
- School of Material Science & Technology
- School of Media, Communication & Culture
- School of Oceanographic Studies
- School of Water Resource Engg.
- School of Women's Studies
- School of Laser Sc. & Engg.
- School of Natural Product Studies
- School of Cultural Texts & Records
- School of Linguistic & Language Technology

5.3.3 CENTRES FOR STUDIES

- Ambedkar Studies
- Cognitive Science (Philosophy)
- Computer Aided Design (Computer Sc. & Engg.)
- Condensed Matter Physics Research (Physics)
- Counselling Service & Studies in Self Development (Philosophy)
- Distributed Computing (Computer Sc. & Engg.)
- European Studies (History)

UNIVERSITIES

- Human Settlement Planning (Architecture)
- IC Design and Fabrication (E.T.C.E.)
- Indology (Sanskrit)
- Knowledge Based System (Elec Engg., Jupiter Bldg)
- Marxian Studies (Economics)
- Mathematical Biology & Ecology (Mathematics)
- Micro-Processor Application (Computer Sc. & Engineering)
- Nuclear and Particle Physics Research (Physics)
- Plasma Studies
- Quality Construction
- Quality Management System (Mech. Engg.)
- Refugee Studies (International Relation)
- Relativity and Cosmology (Physics)
- Surface Studies (Chemistry)
- Tagore Studies (Bengali)
- Transport Studies (Civil Engg.)
- Welding Studies (Met. Engg.)
- Thermal Power & Process Management (Mech. Engg.)
- Yoga
- V. Rabi Chandran Centre of Pharmaceutical Science

5.3.4 AFFILIATED INSTITUTIONS

- Name of the College / Institution affiliated to the University

Sl.No.	Name of the College / Institution
1.	Smt. J.D. Birla Institute
2.	Jadavpur Vidyapith College of Education
3.	Institute of Business Management
4.	Marine Engineering and Research Institute**

** Only course is affiliated

5.3.5 HIGHLIGHTS OF ACTIVITIES DURING 2005-2006

New courses introduced :

- 1 All India Council for Technical Education (AICTE) has approved a 3-year Part time PG course in VLSI Design and Microelectronic & Intelligent Automation Robotics and 2 years full-time PG courses in Clinical Pharmacy and Pharmacy Practices, Nanoscience and Technology Illumination Engineering, Power Engineering and I.T (Courseware Engineering)
- 2 Department of Adult, Continuing Education and Extension has introduced the following four One- Year Post Graduate Diploma Course from this session namely
 - i) **Software Engineering & Business Management**
 - ii) **Bioinformatics**
 - iii) **Montessori and Kindergarten Teachers' Training and**
 - iv) **Herbology.**
- 3 The Department of Adult, Continuing Education and Extension has also introduced from this year B. Ed (Special Education) degree programme in Locomotor impairment and Cerebral Palsy in collaboration with Indian Institute of Cerebral Palsy. This is the first of its kind in Eastern India and is in tune with the identified thrust area of Special Education under the 'University with Potential for Excellence' scheme
- 4 The School of Education Technology (SET) has introduced a M. Tech I.T (Courseware Engineering) course in the class room format. Further, the university through SET is also offering (a) PG Diploma in Multimedia and Web Technology and (b) M. Tech II (Courseware Engineering) in Multimodal Digital Distance Education format
 - The Faculty of Engineering and Technology, Jadavpur University has been selected as a lead Institution under the World Bank assisted Technical Education Quality Improvement Programme (TEQIP) of Government of India. The University has been granted an allocation of Rs. 23.57 crores under the programme
 - In the Faculty of Arts, a 2 - year Post Graduate Diploma in Yoga Therapy under the Department of Physical Education has been introduced. A PG Certificate course in Editing and Publishing has also been introduced
 - Two new Centres for specialized Studies and Research viz. 1) **Centre for Quality Construction and Sir C. V Raman Centre for Physics & 2) Music** have been started

- Department of English has been designated by the UGC as a **Center of Advanced Studies (CAS)**. This is a great national recognition considering the fact that the Department is the first among Indian Universities to get this status. Further, Department of Philosophy has been approved for CAS, Phase IV for five years, 2004 -2009 by the UGC.
- **University Grants Commission** has also extended support to four Departments of the Arts Faculty, namely, Comparative Literature, Philosophy, International Relations & Economics under its AS/HSS (Strengthening of the Infrastructure of the Humanities and Social Sciences) programme.
- The Department of History received the Departmental Research Support (DRS) grant of Rs.38.00 lakhs under the UGC Special Assistance Programme to conduct Research on the 'Environmental History of India'.
- The Department of Science and Technology, Government of India has extended support to the Department of Chemical Engineering and School of Energy Studies with grants of Rs. 65.00 lakhs and Rs. 20.00 lakhs respectively under its FIST (Funding for Improvement of Science & Technology Infrastructure in University) programme.
- UGC has brought two of the premier Engineering Departments, Mechanical Engineering and Chemical Engineering, under its Departmental Research Support (DRS) of Special Assistance Programme (SAP) and Department of Metallurgical & Material Engineering has been upgraded from DRS to DSA (Department of Special Assistance) status.
- **Industry Institute Partnership Cell** has accelerated its speed in industry interaction providing multiple services towards consultancy/testing /R & D facilities to about 160 organizations/ Government departments as well as in public and private sectors all over India. A few examples of such Industries are: Bridge & Roof, ABB, Metro Railway, The Asiatic Society, Indian Ordnance Factories, Eastern Railways, Hindustan Paper Corporation Ltd., Price Water House, BSNL, KMDA, Exide Industries Ltd., Indian Oil, ESAB India Ltd., Jute Corporation of India, CPWD, Hindustan Petroleum, Britannia Industries, CESC, M.N. Dastur and Company, Airport Authority of India etc.
- Prof. Samaresh Bhattacharyya, Department of Chemistry and Dr. Nibir Mondal, Department of Geology of the University have been awarded the prestigious "Bhatnagar Award' of the year 2005 for their outstanding contribution in the field of concerned research areas.
- An MOU has been signed for **Indo-Italian Academic collaboration** jointly by C.U., J.U. and R.B.U. with 4 reputed Italian universities, namely, Rome University, Turin University, Venice University and Naples University.

5.4 RABINDRA BHARATI UNIVERSITY (1962)

The Rabindra Bharati University was founded on May 8, 1962 under the Rabindra Bharati Act to mark the birth centenary of poet Rabindranath Tagore. Its main objective is "to encourage in conformity with the ideas and thoughts of Rabindranath Tagore, the integration of cultural heritage of the nation consistent with its linguistic and socio-economic history and to enable it to function more efficiently as a university encouraging and providing for instruction, teaching, training and research...". The Maharshi Bhaban and Bichitra located at Jorasanko Complex of the university houses (i) a biographical museum on Tagore and aspects of the Bengal Renaissance; (ii) three Art galleries—the first one exhibiting Tagore's paintings (original), the second the portraits and personal effects of the family and the third the paintings of the Bengal School painters, notably Abanindranath Tagore, Nandalal Bose, Jamini Roy, Ramkinkar Baij etc.

5.4.1 FACULTIES & DEPARTMENT

A. FACULTY OF ARTS (B. T. Road Campus or Emerald Bower)

(i) Course – B. A. (Hons.) (3 – year)

Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science.

(ii) Course – M. A. (2 – year)

Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science, 8. Education.

(iii) Course – B.Ed. (1 year)

Subject : Education

(iv) Course - B.LISc. (1 year.)

Subject : Library & Inf. Sc.

(v) Course - Diploma in Tagore Literature (1 year)

Subject : Bengali

(vi) Course – M. Phil. (2 – year)

Subject : 1. Bengali, 2. English, 3. Philosophy, 4. Sanskrit.

B. FACULTY OF FINE ARTS (Jorasanko Campus)

(i) Course – B. A. (Hons.) (3 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(ii) Course – B. A. (Spl. Hons.) (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iii) Course – Senior Diploma (3 year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iv) Course – Junior Diploma (2 year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(v) Course – M. A. (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music, 7. Musicology, 8. Mass Communication & Videography

C. FACULTY OF VISUAL ARTS (Jorasanko Campus)

(i) Course - Bachelor of Visual Arts (BVA) – (4 - Year)

Subjects : 1. Applied Art, 2. Graphics (Print Making), 3. Sculpture, 4. History of Art, 5. Painting

(ii) Course - Master In Visual Arts (MVA) - (2 - Year)

Subjects : 1. Applied Arts, 2. Graphics (Print Making), 3. Sculpture, 4. History of Art, 5. Painting

D. Other Courses :

- i) Ph. D. in all subjects of Arts, Fine Arts & Visual Arts Faculties.
- ii) D. Litt.

5.4.2 Other Sponsored Centres for Study and Research

- 1. Centre for Tagore Studies.
- 2. School of Vedic Studies (Zonal Advance Centre).
- 3. Centre for Gandhian Studies.
- 4. Centre for Dr. Radhakrishnan Studies.
- 5. Centre for Mass Communication and Videography.

Originally these centres were sponsored by the U.G.C. but at present the liability is borne by the State Govt.

5.4.3 Other Establishments at Jorasanko Campus

- A. The West Bengal State Academy of Dance, Drama, Music and Visual Arts
- B. Biographical Museum on Poet Tagore and Bengal Renaissance.
- C. Art Gallery : (i) Tagore's Paintings, (ii) Family Portraits, (iii) Bengal School of Paintings.

The Centre for Adult, Continuing Education and Extension, Community Services, National Service Scheme, Rabindra Bharati Sanskrit Prachar Prakalpa — 2 centres.

5.4.4 No. of Affiliated Institutions

Art College - 1 (Indian College of Art and Draughtmanship)

Course - B.V.A. (Hons.)

5.4.5 D.Litt./ Ph.D. Programme

- i) Ph.D. Programme : Bengali, English, History, Philosophy, Political Science, Economics, Sanskrit, Painting, Dance. Vocal Music, Drama, Instrumental Music, Rabindra Sangeet, History of Art, and Visual Art.
- ii) M. Phil Programme : (2 Year) - Bengali, English, Philosophy, Sanskrit.

5.4.6 ELIGIBILITY FOR ADMISSION TO DIFFERENT COURSES

Faculty	Department	Courses	Duration	Eligibility
FINE ARTS FACULTY	INSTRUMENTAL MUSIC AND PERCUSSION	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in this subject.
		ii) B.A.(Spl. Hons.)	2 year	Graduate in any subject and special aptitude in this subject.
		iii) M. A.	2 year	B.A.(Hons./Spl.Hons.) in this subject from any UGC recognised University.
		iv) Ph.D.	2-5 year	M.A. in Instrumental Music.

	RABINDRA SANGEET (Day)	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in Rabindra Sangeet.
		ii) B.A.(Spl. Hons.)	2 year	Graduate in any subject and special aptitude in Rabindra Sangeet.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Rabindra Sangeet or in any subject with special aptitude in Rabindra Sangeet.
		iv) Ph.D	2-5 year	M.A. in Rabindra Sangeet from any UGC recognised University.
	VOCAL MUSIC	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in Vocal Music.
		ii) B.A. (Spl. Item)	2 year	Graduate in any subject and special aptitude in Vocal Music.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Vocal Music or any subject with special aptitude in Vocal Music from any UGC recognised University.
		iv) Ph.D	2-5 year	M.A. in Vocal Music from any UGC recognised University.
	DRAMA	i) B.A.(Hons.)	3 year	H.S. (+2) or its equivalent with special aptitude in Drama
		ii) B.A. (Spl. Hons.)	2 year	Graduate in any subject with special aptitude in Drama.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Drama or any subject with special aptitude in Drama from any UGC recognised University.
		iv) Ph.D.	2-5 year	M.A. in Drama from any UGC recognised University.

	DANCE	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent with special aptitude in Dance.
		ii) B.A. (Spl. Hons.)	2 year	Graduate in any subject with special aptitude in Dance.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Dance or any other subject from any UGC recognised University with special aptitude in Dance.
		iv) Ph.D.	2-5 year	M.A. in Dance from any UGC recognised University.
	MUSICOLOGY	M.A.	2 year	B.A.(Hons./Spl.Hons.) in any subject from any UGC recognised University
	MASS COMM- UNICATION & VIDEOGRAPHY	M.A.	2 year	B.A.(Hons./Spl.Hons.) in any subject from any UGC recognised University
ARTS FACULTY	BENGALI	i) B.A.(Hons.)	3 year	H.S.(+2) or its Equivalent with Bengali as a Compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Bengali from any UGC recognised University.
		iii) M.Phil.	2 year	M.A. in Bengali from any UGC recognised University with at least 50% marks.
		iv) Ph.D.	2-5 year	M.A. in Bengali from any UGC recognised University.
	ECONOMICS	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent with Economics Math/Eco-Geo as a compulsory subject.
		ii) M.A.	2 year	B.A.(Hons.) in Economics from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.A. in Economics from any UGC recognised University.

	EDUCATION	i) M.A.	2 year	B.A.(Hons.) in Education or Hons. Graduate in any subject with B.Ed. from any UGC recognised University.
		ii) B.Ed.	1 year	Graduate/Post graduate from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.A./ M.Sc. in Education.
	ENGLISH	i) B.A.(Hons)	3 Year	H.S. (+2) or it's equivalent with English as a compulsory subject.
		ii) M.A.	2 Year	B.A.(Hons.) in English from any UGC recognised University.
		iii) M.Phil.	2 Year	M.A. in English from any UGC recognised University with at least 50% marks.
		iv) Ph.D	2-5 Year	M.A. in English from any UGC recognised University
	PHILOSOPHY	i) B.A.(Hons)	3 Year	H.S. (+2) or it's equivalent with Philosophy as a compulsory subject.
		ii) M.A.	2 Year	B.A. (Hons.) in Philosophy from any UGC recognised University.
		iii) M.Phil.	2 Year	MA in Philosophy from any recognised University with at least 50% marks.
		iv) Ph.D	2-5 Year	M.A. in Philosophy from any UGC recognised University
	LIBRARY & INFORMATION SCIENCES	B.LISc.	1- year	Graduate from any UGC recognised University with special aptitude in Library & Information Science. (Through Admission Test)

	HISTORY	i) B.A.(Hons.)	3 year	H.S. (+2) or it's equivalent with History as a compulsory Subject.
		ii) M.A.	2 year	B.A. (Hons.) in History from any UGC recognised University.
		iii) Ph.D.	3- year	M.A in History from any UGC recognised University.
	POLITICAL SCIENCE	i) B.A. (Hons.)	3 year	H.S.(+2) or its equivalent with Political Science as a compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Political Science from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.A. in Political Science from any UGC recognised University.
	SANSKRIT	i) B.A. (Hons.)	3 year	H.S.(+2) or its equivalent with Sanskrit as a compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Sanskrit from any UGC recognised University.
		iii) M.Phil.	2 year	M.A. in Sanskrit from any UGC recognised University or Archarya from Rashtriya Sanskrit Sansthan with 50% marks.
		iv) Ph.D.	2-5 year	M.A. in Sanskrit from any UGC recognised University.
VISUAL ARTS FACULTY	PAINTING	i) B.V.A.	4 - Year	H.S.(+2) equivalent Exam. (age 23 years).
		ii) M.V.A.	2 - year	B.V.A. in painting from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in Painting from any UGC recognised University.

	SCULPTURE	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Sculpture from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in Sculpture from any UGC recognised University.
	GRAPHICS (Print making)	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Graphics from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in Graphics from any UGC recognised University.
	APPLIED ART	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Applied Art.
		iii) Ph.D.	2-5 year	M.V.A.in Applied Art from any UGC recognised University.
	HISTORY OF ART	i) B.V.A.	5 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in History of Art from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in History of Art from any UGC recognised University.

5.4.7 Highlights of major achievements/activities during 2005-2006

Academic

1. 30th Convocation of this University was held on 8th May 2005. The Hon'ble Chancellor of the University and Governor of West Bengal presided over the said convocation. Distinguished personalities for outstanding performance in their respective field were conferred D.Litt (Honoris Causa):- Abul Khair Jalaluddin, Professor Anisuzzaman, Pandit Jasraj & Sunil Kr. Pal.
2. Rakhi Bandhan Festival was observed irrespective of Caste, Creed and Religion for national integration which was the dream of Tagore.
3. Keeping the social relevance of Anti Partition Movements on its completion of Hundred Years two seminars on the following topics were held at J.S.Campus and Emerald Bower Campus on 22.09.2005 & 23.09.2005 respectively.

Seminar – 1 Topic: "Anti Partition Movement and role of Jorasanko Thakurbari".

On that day felicitation were offered to the leader of the people, Mr. Jyoti Basu, Former Chief Minister of West Bengal.

Seminar – 2 Topic: "Relevance of Anti Partition Movement in present day Bengal" In this seminar Dr. Pratap Chandra Chanda was one of the speakers.

4. Teaching of Four Foreign Languages like French, Spanish, Italian & Japanese have been introduced in the School of Language run on self financing basis inside our University Campus. Teaching of Hindi Language will be introduced shortly.
5. Centre for Adult, Continuing Education & Extension & Field Outreach has been elevated to Dept. of Adult, Continuing Education & Extension & Field Outreach. Four new courses like (i.) Post Graduate Diploma in Adult Education (PGDAE)- one year duration (ii) Diploma in Social Work (DSW) – one year duration (iii) Certificate course on NGO Management – 6 months duration & (iv) Diploma in Acting in Multi Media - one year duration are going to be stated shortly.
6. Post Graduate Course in Mathematics is going to be introduced in the next academic year. Approval had already been received from the appropriate Authority.
7. Prof. Satya Narayan Chakraborty, veteran academician of our Sanskrit Dept. has joined Sorbone University, Paris as an invited Visiting Professor.

UNIVERSITIES

- 8 Two National Seminars on the following topics in the dept of Political Sc and Philosophy were held.
Seminar – 1 Topic: "Global Politics in the 21st Century"
Seminar– 2 Topic "Possibility of Communication: Analetic & Postmodern Perspectives"
9. Twenty Four (24) departments of this University had successfully organized Seminars with financial assistance from UGC.
10. A seminar on the topic 'Life and Work of Einstein' was successfully organized on 14.02.2006 and an exhibition was arranged with the assistance of I.S I, Kolkata.
11. Philosophy and Bengali Dept had successfully organized Refresher Courses with financial assistance from UGC.
- 12 SAP (DRS -Phase – I) Project under UGC financial assistance in the dept. of Philosophy is running at present.
13. Directorate of Distance Education with it's five study center located in different parts of our State is at present running vibrantly with the objective of extending Higher Education to all in ten subjects like B A (Spl Hons) (Rabindra Sangeet), M.A (Rabindra Sangeet, Vocal Music), M A (Bengali, English, History, Political Science & Sanskrit), Master in Social Work(MSW) and M A (Environmental Studies) At present twenty two thousand students have enrolled.
14. University participated in the last Zonal 'UNIYFEST ' and won seven prizes. In national level four prizes were received in four events One has been invited in the SAARRC UNIYFEST.
- 15 Memorandum of Understanding between Calcutta University, Jadavpur University, Rabindra Bharati University and The Italian Universities of Rome, Naples, Venice & Turin had been signed on 02 05 2005 in the Chamber of Hon'ble Chief Minister of West Bengal for strengthening the relations, friendship and mutual understanding between the two countries on reciprocal basis. In the said agreement the followings are desired
 - (i) To establish regular and reciprocal collaboration in fields of common interest.
 - (ii) To promote exchange of information, research scholars and teaching programmes which would bring about the organization of seminars, conferences and joint academic projects.

As an outcome of the said agreement Hon'ble Vice Chancellor had been invited to attend the Italian Indian Universities meeting to be held on 05 04 2006 to 07 04.2006 at Turin for coordination of Educational Exchange Programme. A fruitful outcome in terms of excellence of Higher Education on the perspective of globalisation is expected to come out from that said meeting.

Infrastructure

1. The foundation stone of the third campus of this University had been laid down on 26.01.2006 by Prof. Satya Sadhan Chakraborty, former Hon'ble Minister in Charge, Higher Education Dept, Govt. of W.B.

2. Vertical extension work of the existing building of Central Library of E. B Campus with a lift provision is going on
3. Multi Gym apparatus is being purchased with a view to open a Multi Gym for University community

Courses Imparted through Distance Mode

Directorate of Distance Education (DDE) with its five study center located in different parts of our State is at present running vibrantly with the objective of extending Higher Education to all in ten subjects like B.A (Spl Hons.) (Rabindra Sangeet), M.A. (Rabindra Sangeet, Vocal Music), M.A. (Bengali, English, History, Political Science & Sanskrit), Master in Social Work (MSW) and M.A. (Environmental Studies). At present twenty two thousand students have enrolled.

Research Activities

Rabindra Bharati University imparts education in Arts, Fine arts & Visual Arts. Keeping in line with the tradition of the University, research activities mainly revolve around these faculties strictly following procedures as laid down by the University Grants Commission, UGC, JRF and University JRF are pursuing their Ph.D. in different Depts. under three faculties. Moreover, many part time research scholars have also enrolled for their Ph.D. works in different Depts. under three faculties. It is worthwhile to mention here that Hasroteen candidates were awarded Ph.D. in 30th Convocation held in the year 2005.

5.5 UNIVERSITY OF BURDWAN (1960)

The University of Burdwan was established under West Bengal Act XXIX of 1959 as a teaching and affliating university. It started functioning from 15th June, 1960 with six postgraduate teaching departments and thirty under graduate colleges spread over five districts viz. Burdwan, Bahbhum, Bankura, Purulia and Hooghly. The university has expanded gradually and at present the number of post graduate departments is 28 and that of affliated colleges 109. It runs a variety of academic and administrative programmes in respect of teaching, research and other allied activities.

5.5.1 FACULTIES & DEPARTMENTS

POST GRADUATE COURSES

A FACULTY OF ARTS, COMMERCE, LAW, MUSIC & FINE ARTS

Bengali, Business Administration, Commerce, Economics, English, Hindi, History, M.B.A. (Human Resource), Mass Communication, Law, Library & Information Science, Philosophy, Political Science, Sanskrit.

UNIVERSITIES

B. FACULTY OF SCIENCE :

Botany, Chemistry, Computer Science, Geography, Geology, Mathematics, Physics, Statistics, Zoology, Physiology, Environmental Science, Biotechnology & Micro-biology.

C. FACULTY OF ENGINEERING & TECHNOLOGY :

The Administration of the Faculty of Engineering & Technology is temporarily looked after by the Regional Engineering College, Durgapur. Four year Degree Course of Studies in Chemical Engineering, Civil Engg , Electrical Engg., Electronics & Communication Engg., Mechanical Engg. and Metallurgical Engineering. Departments along with P.G. Courses of Industry Oriented studies in Engineering & Technology are offered at the said Constituent College of the University. Two year Master Course in Computer Technology conducted jointly by M/s. CMC Limited, Kolkata. Two years M.Tech course in Microwaves are running smoothly under the umbrella of this university, in the Physics Deptt.

D. FACULTY OF MEDICINE :

Four year Degree Course of Studies in M.B.B.S and Two year Post-graduate (MD) Gynaecology and Obstetrics (D.G.O) and Ophthalmology(D.O) are offered by Burdwan Medical College,a Constituent College of the University.

Besides, there are Post-graduate Diploma Course (D. G. O. / D. O.) in Gynaecology and Obstetrics and Ophthalmology.

5.5.2 OTHER COURSES

B.Ed. (Sc.); B.L.I.S., LL. B. M. Phil. (Beng. Eng., Eco., Com., Phil., Hist., Pol.Sc., Sans. Environmental Sc. & Zoo.) M. Tech. (in Microwave), P.G. Dip. in Population Education, Cert. Dip and Adv. Dip. Courses in French, German & Russian Languages.

5.5.3 CORRESPONDENCE COURSES

Five academic Professional Courses have newly introduced i.e. (i) MBA in Insurance & risk Management (ii) B.Sc. in Bio-informatics (iii) B.Sc. in Environmental Sc. (iv) B.A. in Fashion & Apparel Design & (v) B.A. in Interior Design.

5.5.4 OTHER CAMPUS STUDIES

A one-year training course leading to a Bachelor of Education Degree in Science is imparted by the Institute of Science Education.

5.5.5 OTHER FACILITIES OFFERED

A well equipped Science and Instrumentation Centre (USIC) along with Central Instrumentation Facilities (CIF) meets the technical needs of the Postgraduate Science Departments in including the researchers.

The Computer Centre of the University provides all sorts of Computer facilities for the students, teachers and research scholars of the University.

5.5.6 Name of the Courses taught by the University: (Start from PG level courses or above and end with Diploma and/or UG level courses. Also include Technical courses, if any. These are the courses that are being conducted by the University itself.)

Sl. No.	Department	Name of the Subject	Name of the Course	Intake Capacity	Selection Criteria
1.	English	English	M.A./M.Phil	95	By Merit
2.	Bengali	Bengali	"	125	"
3.	Hindi	Hindi	"	60	"
4.	Sanskrit	Sanskrit	"	100	"
5.	History	History	"	90	"
6.	Philosophy	Philosophy	"	78	"
7.	Economics	Economics	"	82	"
8.	Sociology	Sociology	"	50	"
9.	Pol. Science	Pol. Science	"	102	"
10.	Bus.Admn.	Bus.Admn.	MBA	50	"
11.	Law	Law	LLB/LLM	60/20	"
12.	Lib. & Inf. Sc.	Lib. & Inf. Sc.	BLIS/MLIS	67/16	"
13.	Mass Com.	Mass Com.	MA	50	"
14.	Tourism	Tourism	MBA(Tour)	25	"
15.	French, Rus., Ger.	French, Rus., Ger.	Dip/Cert.	100	"
16.	Physics	Physics	M.Sc./M.Tech.	64	"
17.	Chemistry	Chemistry	M.Sc.	46	"
18.	Botany	Botany	M.Sc.	55	"
19.	Zoology	Zoology	M.Sc./M.Phil.	50	"
20.	Mathematics	Mathematics	M.Sc.	97	"
21.	Geography	Geography	"	60	"
22.	Statistics	Statistics	"	25	"
23.	Env. Sc.	Env. Sc.	"	23	"
24.	Bio-tech.	Bio-tech.	"	25	"
25.	I.S.E.	Science Edu.	B.Ed.(Sc.)	07	"
26.	Commerce	Commerce	M. Com.	105	"
27.	MBA(HR)	Human Res.	MBA(HR)	30	"
28.	Population Ed.	Population Ed.	Dip	25	"

5.5.7 THE UNIVERSITY PUBLICATIONS

The Publication Unit of this University brought out four new publications viz :

- (a) Journal of the Department of History (Vol. VI), edited by A.K. Dutta
- (b) Journal of the Department of Sanskrit (Vol. II & III), edited by Prof. A. Bhattacharyya

During the year Prabandha Sankalan & Ekaler Galpa – Two Bengali text books for UG Students. Edited by the UG Board of Studies in Bengali.

5.5.8 ADULT CONTINUING EDUCATION AND EXTENSION

Sl. No.	Name of the Course	Collaborative agencies	Eligibility	Duration	Course fee (Rs.)	No. of students admitted	No. of students passed
1.	Post Graduate Diploma in Medical Laboratory Technology	Burdwan Medical College & Hospital & Blood Bank (BMCH) The University of Burdwan	B.Sc. (BIO)	2-Year	Deputed 25,000/- Fresher 16,000/- (Directly conducted by B.U.)	20	19
2.	Post Graduate Dip. In Special Edn. (Mental Retardation)	Society for Mental Health Care, Ananda Niketan, Khajurdihi, Katwa, Burdwan	Graduate from any discipline	1-Year	13,000/- (Affiliation fee – Rs.10,000/-)	20	20
3.	Post Graduate Diploma in Yoga Therapy	Dept. of ACE&E	Graduate from any discipline	1-Year	4500/- (Directly conducted by B.U.)	26	23

4.	Certificate Course in Yoga Education	Dept. of ACE&E	M.P.	42 Days twice in a year	500/- (Directly conducted by B.U.)	26	25
5.	Care & Maintenance of Scientific Instruments	USIC, B.U. & ACE&E	For PGDMLT student	6 weeks	In this course only PGDMLT students are allowed to participate.	20	19
6.	Certificate Course in Mother & Child Care & Family Welfare	Burdwan Medical College & Hospital & Shaid Shib Sankar Seba Samity	M.P.	1-Year	1000/- (Directly conducted by B.U.)	32	29
7.	Certificate in Social Service – Blood Donor Motivation	West Bengal Voluntary Blood Donors Association	H.S.	15 Effective Hours	50/- Regd. Fee (Directly conducted by B.U.)	144	115
8.	PG Dip. in Population Education	P.E.R.C., B.U.	Graduate from any discipline	1-Year	2500/- (Directly conducted by B.U.)	6	6

5.5.9 CONFERENCES ATTENDED ABROAD

Sl. No.	Department	Name of the Candidate with Designation	Type of Activity	Title of Activity	Venue	Date From To
1.	Economics	Dr. Kausik Gupta Reader	Congress	XIVth World Congress of the International Economic Association	Morocco	30.8.05-03.09.05
2	English	Dr. Rama Kundu, Professor	International Conference	International Conference on Cultural Inter-texts	Vilnius Lithuania	14-15 10 05
3.	Philosophy	Dr. Rajat Bhattacharyya Reader	Int. Conference	Int. General Conference of Bangladesh Philosophical Congress	Dhaka, Bangladesh	28-29.8.05
4.	Botany	Sri P. K. Bhattacharyya Professor	Congress	XVIIth International Botanical Congress	Vienna, Austria	12-23.7.05

5.5.10 BINOY KRISHNA CHOWDHURY RURAL TECHNOLOGY CENTRE

- A New course on Computer Programming through C, C++ and Java (6 months duration) has been introduced.
- Certificate course on Scientific Management of Livestock and their Healthcare is running as a joint-venture programme in collaboration with Zoological Association of Burdwan
- Convened workshop on Medicinal and Aromatic Plants
- Regular courses viz . training programme on mushroom production, Artificial Breeding and Animal Husbandary , Computer based Office Management etc. are running well.
- BKCRTC has participated in different fairs and exhibitions by presentation of stall with exhibits and products of itself.

5.5.11 NATIONAL SERVICE SCHEME

In addition to its normal activity NSS has keen effort to work for the benevolent activities.

- Blood Donation camp 21 units, Total no. of donors 1576 (M 1325 F 251)
- Pulse Polio Programme No. of volunteers involved M 1348 F 283 No. of beneficiaries M 7315 F 2180 Afforestation Programme Plantation of trees 8956
- Certificate Certificates are issued to the volunteers who have completed 240 hours of work of NSS in two years
- No of NSS units : 195
- No. of adopted village/slums : Urban -22; Rural-113
- Special Camping Programme Beneficiary 4400 (M 3039 F 1361)
- Regular Programme: 19500

5.6 KALYANI UNIVERSITY (1960)

The University of Kalyani was established in 1960 with a campus area of over 400 acres in Kalyani town. It is well connected by road and railway with a railway station for the University. The University is situated in a locality with rural and backward areas. Yet its distance from Kolkata is only 60 km. This location advantage of the University makes it particularly suitable for the Calcutta Approach of higher education. The University ensures on one hand the development of excellence and on the other contribution of higher education through dissemination of knowledge to rural areas in an open and flexible system. The University is also considering the possibility of upgrading some of its affiliated colleges with the Academic Autonomy and postgraduate teaching. The University is presently offering twenty six post graduate programmes under four faculties, namely Science, Arts & Commerce, Education, Technology, & Management. The total number of approved teaching posts at present is 217 catering to around 2500 post graduate students. In its administrative set up, there are approximately 32 officers, and 499 staff on the pay roll at the moment, which indicates a streamlined academic administration.

5.6.1 FACULTIES & DEPARTMENTS

POST-GRADUATE COURSES (2 YEARS)

FACULTY OF ARTS & COMMERCE :

Total no. of Departments - 10

UNIVERSITIES

Bengali, Commerce, English, Economics, Folklore,
History, Library & Information Sc., Political Science, Sociology.

FACULTY OF SCIENCE :

Total no. of Department – 9

Bio-Physics & Bio-Chemistry, Botany, Computer Science (DCA) one year,
Chemistry, Environmental Science, Mathematics, Physics, Statistics, Zoology.

FACULTY OF EDUCATION :

Total no. of Department - 2

Education Deptt.-B. T. (1 year), M.A./ M. Sc. in Education (two years),
Physical Education –B.Ed (in Physical Education) 1 yr., M. P. Ed (2 Yr.).

OTHER POST GRADUATE COURSES :

FACULTY OF ENGINEERING & TECHNOLOGY

FACULTY OF LAW

FACULTY OF MUSIC & FINE ARTS

UNDERGRADUATE COURSES

FACULTY OF ARTS

B. A (Hons.) in English, Sociology, Economics, Bengali.

FACULTY OF SCIENCE :

B. Sc. (Hons.) in Chemistry, Physics, Mathematics, Statistics, Botany, Zoology.

OTHER UNDERGRADUATE COURSES

The University conducts B.A. / B.Sc. /B.Com. Pass & Honours courses in it's 36 affiliated degree colleges. Besides this, University conducts certificate course in Chinese & Russian Languages and B.Tech. Courses in: (a) Information Technology, (b) Electronics & Instrumentation. M. Phil. courses in English, Education & Economics are also conducted by the University.

5.6.2 Name of the various Courses conducted in the University

Sl. No.	Department	Name of the Subject	Name of the Course	Intake Capacity	Selection Criteria
1.	Biophysics & Biochemistry	Biophysics & Biochemistry	M.Sc.	20 + 20	H.S. 40% & Hons. 60%
2.	Botany	Botany	M.Sc.	45	20% M.P, 30% H.S., 50% Hons.
3.	Chemistry	Chemistry	M.Sc.	50	Hons. Marks.
4.	Environmental Science	Environmental Science	M.Sc.	25	Admission test by The University
5.	Mathematics	Mathematics	M.Sc.	80	70% Hons.
6.	Physics	Physics	M.Sc.	45	Hons. Marks
7.	Statistics	Statistics	M.Sc.	40	Hons. Marks
8.	Zoology	Zoology	M.Sc.	45	Hons. Marks
9.	Microbiology	Microbiology	M.Sc.	20	Admission test by the University
10.	Molecular Biology & Biotechnology	Molecular Biology & Biotechnology	M.Sc.	10	Admission test by the University
11.	Computer Science	Computer Science	MCA	22	Joint Entrance Examination
12.	Geography	Geography	M.Sc.	25	Hons. Marks
13.	English	English	M.A.	100	Hons. Marks
14.	Economics	Economics	M.A.	70	Hons. Marks
15.	Folklore	Folklore	M.A.	100	Hons. Marks
16.	History	History	M.A.	100	Hons. Marks
17.	Political Science	Political Science	M.A.	100	Hons. Marks
18.	Sociology	Sociology	M.A.	60	Hons. Marks

UNIVERSITIES

19.	Hindi	Hindi	M.A.	40	Hons. Marks
20.	Geography	Geography	M.A.	25	Hons. Marks
21.	Philosophy	Philosophy	M.A.	60	Hons. Marks
22.	Physiology	Physiology	M.Sc.	15	Hons. Marks
23.	Sericulture	Sericulture	M.Sc.	20	Hons. Marks
24.	Bengali	M.Phil	M. Phil	20	P. G. marks & Interview
25.	English	M.Phil	M.Phil	10	P. G. marks & Interview
26.	Economics	M.Phil	M.Phil	10	P. G. marks & Interview
27.	Education	M.Phil	M.Phil	10	P. G. marks & Interview
28.	Commerce	Commerce	M.Com	100	Hons Marks
29.	Library & Information Science	Library & Information Science	1 year P.G. Diploma	30	Hons. Graduate
30.	Modern Language	Chinese Language	1 year Diploma in Chinese Language	30	Graduation
31.	Adult Education	1 year P.G. Diploma	1 yr. P.G. Diploma	20	Graduation
32.	University Science & Instrumentation Centre	i) Information Technology	B.Tech.	40	Joint Entrance
		ii) Electronics & Instrumentation	B.Tech.	40	Joint Entrance
33.	Bengali	Bengali	M.A.	160	Hons. Marks

34.	Physical Education	B.P.Ed.	1 year B.P.Ed. (Physical Education)	80	Graduation
35.	Physical Education	M.P.Ed.	2 year M.P.Ed. in Physical Edn.	30	B.P.Ed.
36.	Education	Education	M.A/M.Sc. in Education	60	Hons. & B.Ed. Marks.
37.	Education	M.Ed.	1 year M.Ed.	20	P.G. Hons. Marks
38.	Education	B.Ed.	1 Year	176	P.G. Hons Marks
39.	Business Administration	Business Administration	MBA	60	Hons. Marks & Written Exam.
40.	Modern Language	Russian Language	1 Year Certificate Course in Russian Language	30	Graduation

5.6.3 HIGHLIGHTS OF THE MAJOR ACTIVITIES UNDERTAKEN DURING THE YEAR.

New Courses and Programmes :

The following new courses/programmes have been introduced from the academic session 2003-2004 and 2004-2005 on enhanced fee pattern :

- 2-year M.Sc course in Physiology.

Accreditation by NAAC & subsequent steps :

After the process of Assessment and Accreditation of the University as a whole by NAAC during 2001, the University is taking Strategic Plans for accelerating new programmes of teaching and research in Emerging Areas before the next visit of the Peer Review Team of NAAC which is due in 2007. The Internal Quality Assurance Cell is going to organize one day workshop on Best Practices under the auspices of NAAC and for which financial assistance to the tune of Rs.1.05 lakh has been received from NAAC.

Assistance received from UGC & State Govt. under Plan Head :

The progress of the Developmental schemes also speaks for continuing progress. The University has received and fully utilized a grant of Rs. 204.00 lakh out of a total allocation of Rs. 340.00 lakh as X Plan Developmental Assistance from UGC. Appreciating the progress the university has so far made, UGC has released the third installment of Developmental Assistance to the tune of Rs. 68.00 lakh.

To take steady stride towards sustained development the University in the current financial year has submitted a proposal for capital construction to the tune of Rs. 2.50 crore to the Govt. of West Bengal towards construction of the Departments of Molecular Biology & Biotechnology, Microbiology, Physiology, Geography and renovation of Library Building and those are under active consideration of the Higher Education Department. Against an administrative approval of Rs. 14.00 lakh the University has received an amount of Rs. 7.50 lakh towards construction and repair of Science Faculty Road.

UGC Refresher Course Centre :

The UGC had already identified this University for Refresher Course Centre (UGC-RCC) for College and University Teachers from the year 2001-2002 . For the year 2005-2006 proposals for organizing Refresher Courses in the following emerging areas on inter-disciplinary basis have been submitted to UGC :

- a) Literature & Politics b) Teacher Education Programme in Higher Education
- c) Microbial Biotechnology d) Nanotechnology e) Biodiversity.

Earned Accolade from DST- Govt. of India :

It would be worth mentioning that after availing of the funding of Department of Science & Technology (DST), Govt. of India under the FIST(Fund for Improvement of infrastructure in Science & Technology) Programme to the tune of Rs. 143.00 lakh the departments of Chemistry, Biochemistry & Biophysics, and Zoology have now applied for the Special Assistance Programme of the UGC and those are under active consideration.

Seminars Held :

A number of seminars were organised at different University departments. Notable among themselves were :

- "One day Seminar on Year of Physics" held on April 21, 2005 and organized by the Department of Physics.
- "National Symposium on Developmental Dynamics" held during November 23-25, 2005 and organized by the Department of Zoology.
- "International Symposium on Recent Advances in Mathematical Science and Earth Science" held during December 02-04, 2005 and was organized by the Dept. of Mathematics.
- "National level one day seminar on Observational Astrophysics" held on September 27, 2005 and organized by Dept. of Physics.
- "One day Interactive Workshop on Curriculum Development in Molecular Biology and Biotechnology" held on August 17, 2005 and organized by the Department of Molecular biology and Biotechnology.
- One day interactive National Seminar organized by Department of English entitled "Renaissance Literature Self & Authority" held on 11.1.2006.
- "National Seminar on Physical Education" was organized by the Dept. of Physical Education during 29-30 November, 2005.
- "One day interactive Seminar on Faculty Development" organized by the Dept. of Business Administration held during June 20-24, 2005.
- NAAC Sponsored Workshop on "Best Practices on Higher Education: Awareness amongst the Colleges" held during March 7-8, 2006.

Speakers :

1. Prof. Swapan Pramanik, Vice-Chancellor, Vidyasagar University.
2. Prof. Subimal Sen, Vice Chairman, West Bengal State Council of Higher Education.
3. Dr. M.S. Shyama Sundar, Deputy Advisor, NAAC.
4. Prof. Protip Chowdhuri, Former Secretary, West Bengal State Council of Higher Education.

Invited Talks delivered by Eminent Scientists and Functionaries :

- Professor James Laskay, Professor, University of Leubek, Germany on 03.12.2005 on "The role of neutrophil Granulocytes as host cells and transport vehicle for intracellular pathogen"

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- Dr. Bikash Chandra Sanyal, Hony Advisor UNESCO & Head of India House (la Inde), Paris , France on " Challenges before Higher Education Today" on 02.1.2006.
- Dr. Subhas Chandra Mojumder, Scientist, National Chemical Institute, Toronto, Canada on "Introduction to Nanotechnology and its application in various fields" on 03.1.2006.
- Swami Jitatmananda , Ramakrishna Mission , on " Importance of Indian Culture in the Global Civilization Today" held on 02.1.2006.

Visit of University Faculties in Abroad :

Notable International Seminars/Conferences at abroad represented by the departmental teachers:

- "Fifteenth International I-O Conference " held during June 27- July 01, 2005 at Beijing, China. (Economics).
- "Gordon Research Conference on Free Radical Reactions" held during July 03-08,2005 at USA. (Chemistry).
- "Seventeenth International Symposium on Aphids" held during October 02-07, 2005 at Australia. (Zoology).
- "XX Congress of International Union of Crystallography" held during August 23-31, 2005 at Florence , Italy. (Chemistry).
- "Ground Water Development using Remote Sensing and GIS Techniques" held during August 22-25,2005 at Jakarta, Indonesia. (Environmental Science).
- "Six Decades of Weed Science : the Discovery of 2,4-D(1945-2005)" held during November 7-11,2005 at Ho Chi Minh City, Vietnam. (Environmental Science)
- " International Seminar of Celebration of Organic Synthesis" held during September 13-15,2005 at Nottingham University,UK. (Chemistry)
- " The Inter Congress Symposium of the Asia and Oceania Society for Comparative Endocrinology" held during February 06-10, 2006 at Bangkok , Thailand. (Zoology).

XIX Convocation of the University :

The XIX Convocation of the University was held on March 09,2006 where the Convocation address was given by Professor V.N. Rajasekharan Pillai, Vice Chairman, University Grants Commission.

Internationally acclaimed Scientist Professor M.S. Swaminathan and Eminent Educationist Professor Sankar Kumar Sen received the Degrees of Honoris Causa in person. Professor Rabindra Kr. Dasgupta and Shri Bikash Bhattacharya were conferred the degrees of Honoris Causa in absentia. Hon'ble Chancellor of the University and Governor of the State Shri Gopalkrishna Gandhi presided over the Convocation.

Research Activities :

The University Departments in all of its faculties have recorded remarkable performance in research. The University is oriented towards serious effort to develop its potential by strengthening and extending research activities in its preferred areas through collaborations with other Institutions / Bodies in India and abroad. On-going Foreign Collaborations in research on selected areas with Countries like Japan, Sweden, Germany, UK, France are helping the University for proceeding towards its goal. The University very recently has entered into a Memorandum of Understanding with Valencia University , Spain.

In the changing scenario of Higher Education system in the twenty first century, the University is active in strengthening its research activities in the emerging and developing areas. Following on-going Research Projects at different University Departments as mentioned below are noteworthy :-

- i) To combat the problem of arsenic contamination in ground water of several districts of West Bengal, the Chemistry department has been continuing extensive researches on arsenic mobilisation and its possible remedial measures with the support of Indo-French Centre For The Promotion Of Advanced Research (IFCMR), **Indo-Swedish Collaboration and with the Project supported by Rajiv Gandhi National Drinking Water Mission of the Govt. of India.**

The Collaborative Project entitled "**Nanoscale Biogeochemistry of Arsenic and Remediation of High Arsenic Groundwaters in Southern Asia**" funded by EPSRC, Wiltshire, UK with a sanctioned amount of £ 75,000 sterling pound (Rs. 54.00 lakh) involving University of Manchester, UK has left much impression in this regard.

A number of Major Research projects have also been sanctioned in the recent past by DST and CSIR in Chemistry department. One of such projects is "Mono and Poly nuclear complexes of heavier transition metals incorporating Ligands with extended delocalization. A search for new electron transfer centres and photoactive materials."

Researches in emerging areas are also being conducted with the help of the equipment procured out of the grant received from DST under FIST programme.

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- ii) The Department of Biochemistry & Biophysics is continuing its research with funding of various agencies like CSIR, DBT, DST, ICMR, DRDO, LSRB etc. The projects entitled 'Molecular mechanism of DNA entry into E. coli cells during its artificial transformation' funded by DBT, "Studies on the mechanisms of oxidant mediated Ca^{2+} release from microsomes of pulmonary vascular smooth muscle" funded by DRDO and 'Studies on signal transduction mechanism in oxidant induced alteration of Ca^{2+} dynamics on microsomes of Pulmonary smooth muscle cells' funded by DBT have yielded in considerable research output.
- iii) With the second phase of support from UGC against a sanctioned amount of Rs. 18.70 lakh extensive researches on 'High Temperature Superconductivity' are being conducted at the Department of Physics.
- iv) The Department of Zoology has been able to maintain its excellence through its research projects like "Identification, pathobiology and control of some dreaded protozoan poultry diseases of West Bengal" funded by DST, "An investigation for testing efficacy and mechanism of action of certain potentized homoeopathic drugs in combating artificially induced hepatocarcinoma in mice and rats" funded by AYUSH, Ministry of Health & Family Welfare, Govt. of India, "A comprehensive study on arsenic toxicity and its amelioration by administration of ultra-low doses of homoeopathic drugs" - a BOIRON LAB, Lyon, France project for which the foreign collaborator has sanctioned an amount of 80,000 EURO, etc.

In the recent past DST, Govt. of India has sanctioned a Major Project entitled "LH-HCG receptor gene expression in mouse uterus and its relevance in steroid hormone and prostaglandin synthesis" against an allocation of Rs. 19,86,702/-.

Research in Humanities Streams :

- v) In the Department of Economics, researches are going on "Economic efficiency in petro-refining in India" funded by ICSSR and on "The political economy of labour in a globalised economy" funded by IDPAD, ICSSR, against an allocation of Rs. 15,11,114/-.
- vi) Under the aegis of financial support of the Ministry of Tribal Affairs, effective researches are being conducted in the Department of Sociology on the projects entitled "Mother and Child health care programmes among the tribals in the district of Nadia" and "Tribal girl students hinderance towards achievement - A micro study of welfare strategy in the district of Nadia". UGC has provided support through a major research project entitled "Risk and labour: Concern for human sufferings in Small and medium-scale industries in low and high performing economics."

The on-going research projects at different university departments

Sl. No	Name of the Teacher	Title of the project	Duration	Funding Agency	Amount
1	Dr. D. Chatterjee Dept. of Chemistry	Geochemistry of large Sediment and Ground water Around Mukundapur	1 Year	IFC-PAR de la French Centre for the Promotion of Advanced Research	Rs. 5.46 000 00
2	Prof. R. N. Bhattacharyya Dept. of Economics	CFR patterns of West Bengal: An Analysis of Economic Development	3 years	ICIER India's Quality Institute of Development Research	Rs. 6.67 000 00
3	Prof. R. N. Bhattacharyya Dept. of Economics	Economics and Ecology for sustainable use of Wetland Wetlands: A study of India and Bangladesh	1 year	ICIER Project Grant for Research on International Economic Relations	US \$ 59 500 @ 85% Rs. 26.77 lakhs
4	Dr. Partha Pratim Sarkar IISc	Brain Band Frequency Sensitive Surface	2 years	AICTE	Rs. 9 00 000
5	Dr. S. Chatterjee Dept. of Computer Sci. & Engg.	Fast Diagnosis and System Repair	2 years	AICTE	Rs. 5,00 000
6	Dr. Chirantan Neogy Dept. of Physics	Superconductivity Programme	5 years	UGC	Rs. 18.70.000 00

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7	Prof. S. C. Santra, Dept. of Environmental Science	Studies on the Sunderban Mangrove Algae with special reference to their community structure, Phenology and utilisation potentialities.	3 Years	U.G.C.	Rs. 4,44,890.00
8	Prof. Dilip Mukherjee, Dept. of Zoology	Epidermal growth factor family in the regulation of rat endometrial function : EGF and TGFA – stimulated cyclooxygenase activity and production of prostaglandin in uterine endometrial cells in Vitro.	3 Years	U.G.C.	Rs. 6,19,500.00
9	Prof. C. R. Sahu, Dept. of Zoology	Evaluation of pesticide intoxication in check development and toxicity amelioration by various diet amendments.	3 Years	U G C	Rs. 5,50,060.00
10	Dr. Animesh Kr. Dutta Dept. of Botany	Induced cytogenetical exploration of <i>Nigella Sativa</i> (Black cumin) for the production of polyploids and also for development of reciprocal translocation and genetic Male sterile lines.	2 Years	U G C	Rs. 4,60,220.00
11	Prof. Sujata Choudhury Dept. of Botany	Exploitation of growth promoting substances of <i>Lantana Camara</i> for improvement in yield and other characters of some important crops.	3 Years	U G C	Rs. 5,42,960.00

12	Dr. A. Mukhopadhyay Dept. of Sociology	Risk and labour concepts for human sufferings in Social and Modern science Industries in Low and High performing Economies.	3 Years	UGC	Rs. 3,14,560.00
13	Dr. Tarakdas Basu Dept. of Biochemistry & Biophysics	Molecular mechanism of induction of heat shock response on E. Coli by treatment with ethanol and other membrane perturbants.	3 Years	DBT	Rs. 13,32,517.00
14	Prof. C. R. Sahu Dept. of Zoology	Use of some antioxidative agents in the recovery of postnatal effects of diets in developing chick embryos.	3 years	DBT	Rs. 4,13,820.00
15	Prof. K. C. Mahtab Dept. of Chemistry	Synthesis of Heterocyclic compounds and related molecules.	3 Years	CSIR	Rs. 7,46,000.00
16	Dr. S. S. Chakraborty Dept. of Chemistry	Synthesis of naturally occurring Amino acid like peptides (Unnatural interest)	3 years	CSIR	Rs. 3,82,000.00
17	Prof. P. B. Saha Dept. of Zoology	Optimization of post larval water quality management for juvenile aquaculture activity for sustainable Fish Production Phase II	3 Years	ICAR	Rs. 10,09,808.00

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18.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on oxidant mediated activation of Ca ²⁺ dependent proteases in Pulmonary vascular smooth muscle membrane.	3 Years	I.C.M.R.	Rs. 3,35,000.00
19.	Prof. C. K. Manna Dept. of Zoology	Efficacy of some herbal medicines used by the Tribal people and their impact in the control of Fertility.	3 Years	I.C.M.R.	Rs. 2,08,760.00
20.	Dr. D. Chatterjee Dept. of Chemistry	High Arsenic in ground water in West Bengal : Mechanism and mobilisation of Arsenic in W.B. and realistic approaches for in-situ remediation.	3 Years	Rajib Gandhi National Drinking water Mission	Rs. 26,35,000.00
21.	Prof. A. K. Biswas Dept. of Botany	Evaluation of Neem Germ Plasm of different Agro-climatic regions of eastern India for potential use as biocide against phytopathogenic microbes.	3 Years	N.A.B.A.R.D.	Rs. 2,63,000.00 (Out of 5 Lakhs)
22.	Prof. Samita Manna	The Bediayas in West Bengal.	1 Year	Govt. of India, Ministry of Tribal Affairs	Rs. 1,06,000.00
23.	Prof. Samita Manna Dept. of Sociology	Tribal Girl Students: Hindrances Towards Achievement - a micro study for welfare strategy in Nadia District.	1 year	Govt. of India, Ministry of Tribal Affairs	Rs.1,25,000.00

24.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on the Mechanisms of Oxidant-mediated Ca^{2+} release from microsomes of Pulmonary vascular smooth muscle.	3 Years	DRDO [Life Sciences Research Board, Ministry of Defence, Govt. of India]	Rs. 19,05,000.00
25.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on signal transduction mechanism in oxidant induced alteration of Ca^{2+} dynamics in microsomes of Pulmonary smooth muscles cells.	3 years	D.B.T	Rs.30,62,000/-
26.	Dr. Swati De Dept. of Chemistry	Fluorimetric study of Serum Proteins and Heme proteins- Effect of Quenchers, Denaturants and Amphiphiles.	3 years	C.S.I.R	Rs.2,52,667/-
27.	Dr. Shital Chattopadhyay Dept. of Chemistry	Studies towards the synthesis of analogues of the novel Telomerase inhibitor Telomestatin.	3 years	D.S.T	Rs.18,82,320/-
28.	Prof. Samiran Chakraborty Dept. of Zoology	Identity of heteroecious aphids (Homoptera: aphididae from India.	3 years	U.G.C.	Rs.4,18,000/-
29.	Prof. B. B. Jana International Centre of Ecological Engineering	Development of Socio-economic status of the SC and ST populations in villages of West Bengal through propagation of the culture of some threatened and ornamental species of fish.	3 years	D.B.T.	Rs.21,15,000/-

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30.	Dr. Tarakdas Basu Dept. of Biochemistry & Biophysics	Molecular Mechanism of DNA Entry into E.Coli cells during its Artificial Transformation.	3 years	D.B.T.	Rs.16,83,600/-
31.	Dr. P. K. Bandyopadhyay Dept. of Zoology	Identification, pathobiology and Control of some dreaded protozoan poultry diseases of West Bengal.	3 years	D.S.T.	Rs.16,92,000/-
32.	Dr. Soma Mukherjee Dept. of Environmental Science	Studies on transition metal chemistry via design of unnatural amino Acids: Synthesis, Characterization, Reactivity and Magnetic studies.	3 years	D.S.T.	Rs.10,32,000/-
33.	Dr. Surajit Chattopadhyay Dept. of Chemistry	Mono and polynuclear complexes of heavier transition metals incorporating Ligands with extended delocalization. A search for new electron transfer centers and photoactive materials.	3 years	D.S.T.	Rs.18,91,507/-
34.	Prof. A. R. Khuda Buksh Dept. of Zoology	An investigation for testing efficacy and mechanism of action of certain potentized homoeopathic drugs in combating artificially induced hepatocarcinoma in mice and rats.	3 years	AYUSH [Ministry of Health & Family Welfare, Govt. of India]	Rs.17,13,000/-

35.	Prof. Madhusudan Dutta Dept. of Economics	Economic Efficiency in Petro – Refining in India	24 months	I.C.S.S.R.	Rs.3,97,750/-
36.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Protein kinase C-mediated activation of Ca^{2+} dependent phospholipase A2 in pulmonary vascular smooth muscle cells under oxidant simulation: Role of camp, cGMP and pertussis toxin sensitive protein.	3 years	I.C.M.R.	Rs.5,32,800/-
37.	Prof. B. B. Jana International Centre of Ecological Engineering	Hazard Analysis and risk assessment of fishes grown in sewage-fed ponds for in situ development of strategies for improved treatment system and waste water-fed aquaculture practice.	3 years	C.S.I.R.	Rs.7,00,000/-
38.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on signal transduction mechanisms in oxidant induced alteration of Ca^{+} dynamics in microsomes of pulmonary smooth muscle cells.	3 years	C.S.I.R.	Rs.4,50,000/-
39.	Dr. Kumares Ghosh Dept. of Chemistry	Molecular Recognition: Design & Synthesis of Model Receptors for carboxylic Acids.	3 years	C.S.I.R.	Rs.2,32,000/-

40.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Role of signal transduction mechanisms in regulating cPLA2 activity by the calcium ionophore A23187 in pulmonary endothelium.	3 years	C.S.I.R.	Rs.2,32,000/-
41.	Dr. Byasdeb Dasgupta Dept. of Economics	The Political Economy of Labour in a Globalised Economy.	27 months	IDPAD - I.C.S.S.R.	Rs.15,11,114/-
42.	Prof. A. R. Khuda Buksh Dept. of Zoology	A comprehensive study on arsenic toxicity and its amelioration by administration of ultra-low doses of homeopathic drugs.	3 years	BOIRON LAB, Lyon, France	80,000 Euro @ Rs. 54/= Rs.43,20,000/-
43.	Prof. P. D. Ghosh Dept. of Botany	Somatic Embryogenesis & analysis of somaclonal variants in <i>Cymbopogon martini</i> and <i>Cymbopogon flexuosus</i> using Cytogenetic and molecular approaches (RAPD analysis).	3 years	U.G.C. (MRP)	Rs.5,42,600/-
44.	Shri Dibyendu Paul Dept. of Library & Information Science	Reference and Bibliographic sources in Bengal published since 1995: An evaluative study.	1 year	U.G.C. (MRP)	Rs.55,000/-
45.	Dr. Partha Sarathi De Dept. of Sociology	Socio-educational Status of Backward Classes in West Bengal.	6 months	West Bengal Commission for Backward Classes.	Rs.4,42,000/-

46.	Prof. Chandan Sen Gupta & Dr. Padma Chatterjee Dept. of Botany	Evaluation of antifungal and antibacterial property in the plant extract of catharanthus reseus (Apocynaceae).	6 months	Department of Environment, Govt. of West Bengal	Rs.92,000/-
47.	Prof. B. B. Jana International Centre of Ecological Engineering	Training programme for capacity building of y ouths belonging to scheduled castes and scheduled tribes in West Bengal.	1 year	D.S.T.	Rs.20,16,000/-
48.	Prof. Dilip Mukherjee Dept. of Zoology	LH/HCG receptor gene expression in mouse uterus and its relevance in steroid hormone and prostaglandin synthesis.	3 years	D.S.T.	Rs.19,86,702/-
Total :					Rs. 4,91,06,655.00

5.7 UNIVERSITY OF NORTH BENGAL (1962)

The University of North Bengal was established by an Act of the Legislature of West Bengal in 1962 and assigned the mandate of providing teaching, training and research in various branches of advanced learning and promoting the dissemination of knowledge to fulfill growing socio-economic and technical manpower needs in the six North Bengal districts and the neighboring state of Sikkim. The University occupies an area of about 330 acres and is situated at a distance of 9 km from Siliguri and 4 km from Bagdogra Airport in the Terai region of Darjeeling District. The University Act was amended by the West Bengal Act of XXV of 1981, which came into force with effect from September 16, 1981.

5.7.1 Postgraduate and Postgraduate Diploma / Diploma Courses in the Faculties of the University.

(i) FACULTY OF ARTS, COMMERCE AND LAW

M.A. in Bengali, English, Nepali, Hindi, Economics, Philosophy, Sociology, Political Science, Geography & Applied Geography,

M.Com.,

LL.M.,

Adult and Continuing Education, Extension & Field Outreach.

* M.B.A. (2 yrs.)

* Post Graduate Diploma in Marketing Management / Tourism & Hotel Management / Environmental Law.

* Diploma in Museum Studies.

* Diploma in French Language.

M.Phil. in Political Science, History, Philosophy, Nepali, Himalayan Studies, Economics, B.Lib. & Information Science (1 yr.)

LL.B. Hons. (5 years).

“*” means self-financed Courses.

(ii) FACULTY OF SCIENCE

M.Sc. in Botany, Chemistry, Computer Science & Application, Mathematics, Physics, Zoology, Anthropology, Bio-technology, Computer Science.

M.C.A.

* Post Graduate Diploma in Tea Management/ Disaster Management./Information Technology

* B.B.A./B.C.A.

* M.Phil. in Remote Sensing & GIS.

“*” means self-financed courses.

(iii) FACULTY OF MEDICINE

D.O. and M.D. courses (2 years) in Anatomy, Physiology, Community Medicine, Anaesthesiology, Pathology are conducted in the North Bengal Medical College.

5.7.2 CENTRES IN THE UNIVERSITY

(i) Centre for Himalayan Studies, (ii) Centre for Life Science, (iii) Centre for High Energy & Cosmic Ray Physics, (iv) Centre for Development Studies, (v) Centre for Women's Studies, (vi) Centre for Remote Sensing Applications, (vii) University Science Instrumentation Centre, (viii) Computer Centre, (ix) Centre for Studies in Local Languages & Culture, (x) Centre of Distance Education and (xi) Information Technology Centre.

5.7.3 UNDERGRADUATE COURSES

B.A./B.Sc./B.Com./B.Ed./B.Phys.Ed./B.B.A./B.C.A./B.Pharm. Course are conducted in the following affiliated colleges.

Types of Colleges	Number
General Degree Colleges	55
B. Ed. Colleges	10
Physical Education College	1
Law Colleges	2
Total	68

5.7.4 COLLEGES WITH P.G. COURSES

Name of the College	Subjects
Raiganj College (University College)	Bengali
Balurghat College	Bengali, M.Com.
Malda College	English, History
Darjeeling Govt. College	Botany, Zoology, Nepali
Ananda Chandra College	Bengali
Sikkim Govt. Law College	L.L.M.

5.7.5 (a) Distance Education Directorate offers M.A.(2 years) in English, Bengali, Nepali, History, Political Science, Philosophy & M.Sc.(2 years) in Mathematics and B.A.(3 years) in English, Bengali, Nepali, History, Political Science, Philosophy, Sociology & Education and B.Sc. (3 years) in Mathematics and bridge course (one year) in English, Bengali, Nepali, History, Political Science, Philosophy and Mathematics.

(b) Bachelor of Internet Science (3 yrs.), Bachelor of Software Systems (3 yrs.), PGDCA (1 yr.), PGDIT (1 yr.) and Diploma in multimedia technology (DMT - 1 yr.) are offered under off- campus distance education mode in authorized study centres across the districts of West Bengal in partnership with ZILS (Zee Network Education Group).

5.7.6 Seminar (National/International) during 2005-2006

Sl.No.	Organising Department	Period	Topic
1.	English	25th April, 2005	"Literatures in English : Critical Approaches"
2.	Hindi	6th October, 2005	"Bhoomandalikaran Ke Daur mein Vichardhara Ka Prasna Aur Samkaaleen Hindi Kavita"
3.	Centre for Himalayan Studies	8th to 9th December, 2005	"Tribes of West Bengal in the New Millennium"
4.	Centre for Ambedkar Studies	22nd December, 2005	"Ambedkar's Socio Political thought and his contribution to Buddhism"
5.	History	17th to 18th March, 2006	"Revolutionary Movement in Modern India with Special Reference to the Role of Women"
6.	Centre for Himalayan Studies	20th March, 2006	"Geopolitical Situations in the Eastern Himalayas with Special Reference to Security"
7.	National Seminar on "Buddhism in Socio-ethical Perspective"	18th to 19th March, 2006	"Buddhism in Socio-ethical Perspective"
8.	English	23rd to 25th March, 2006	"Readings & Re-readings in Contemporary American, British and Indian English Literatures : 1950-the Present"
9.	Physics	23rd March, 2006	"Fun with Mathematics"
10.	Centre for Women's Studies	24th to 25th March, 2006	"Women's Situation and Women's Studies"
11.	Political Science	27th March, 2006	"Social and Political Movements in Eastern and North Eastern India : Issues, Implications and Impact"
12.	Commerce	29th March, 2006	"Exploring New Horizons in Business Education and Research"
13.	Economics under special Assistance Programme of UGC	29th to 30th March, 2006	"Development Perspectives: Regional and Gender Development experiences"

Worskhop			
1.	Botany	24th June, 2005	"Cultivation of Medicinal Plants"
2.	Centre for Development Studies (Disaster Management)	16th December, 2005	National Service Scheme (NSS)
3.	Centre for Development Studies (Disaster Management)	16th December, 2006	National Service Scheme (NSS)
4.	Centre for Studies in Local Languages & Cultures	17th to 19th February, 2006	Workshop-cum-Performance in collaboration with Paschimbanga Natya Academy, Kolkata

5.7.7 ON GOING RESEARCH PROJECT (EXTRAMURAL) AS ON 25-05-2005

Sl. No.	Title of the Project	Principal Investigator & (Scholar)	Funding Agency	Total outlay		Duration and date of commencement
				Recurring Rs.	Non-Recurring Rs.	
01.	Transition Metal Compounds : Synthesis Structures and Properties	Dr. P. Bandyopadhyay Chemistry	CSIR	5,83,770	—	5 years w.e.f. 26.07.2001
02.	Studies on the defense related enzymes in young plants after compatible and incompatible infection with Botryodiplodia theobromae and other pathogens	Dr. Aniruddha Saha, Botany	CSIR	5,83,666	—	5 yrs. w.e.f. 1.4.2002.
03.	Identification of Plasmid Gene involved in the pathogenesis of Epizootic Ulcerative Syndrome (EUS)	Dr. J. Pal, Zoology	DBT	1,90,000	2,00,000	3 yrs. w.e.f. 18.7.2003.

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04.	Detection of the frequency of HLA Class – I Antigens (Serology and SSP typing) and the role of HLA antigens and Genetic Marker in Delusional disorder	Dr. T.K. Chowdhury, Zoology	DBT	5,92,200	15,46,780	3 yrs. w.e.f. 11.11.2003
05.	C-H bond activation : Tuning the catalyst	Dr. P. Bandyopadhyay, Chemistry	DST	3,00,000	15,06,000	3 yrs. w.e.f. 16.12.2003
06.	Socio-economic upliftment and empowerment of women of backward rural community through backyard ornamental fish breeding and rearing management	Dr. Sudip Barat Zoology	DBT	3,74,000	6,30,000	3 years w.e.f. 24.09.2004
07.	QPM MPs in Terai, Duars Hill on North Bengal and Sikkim	Prof. A.P.Das Botany	NMPB New Delhi	20,00,000	–	3 years w.e.f. 01.02.2005
08.	Synthetic Organic Chemistry	Prof. Basudeb Basu Chemistry	CSIR	68,387	–	5 years w.e.f. 15.07.2005
09.	Physico-Chemical Studies on Interactions between ION-SOLVENT, ION-ION and Solvent-solvent	Prof. Mahendra Nath Roy, Chemistry	CSIR	1,45,000	–	4 years w.e.f. 20.01.2005
10.	Screening of antimicrobial and antioxidant activities of some selected herbs used as folk medicines in Darjeeling Hills	Prof. P.K.Sarkar Botany	CSIR	2,49,000	1,00,000	3 years w.e.f. 01.04.2005

11.	Women's empowerment, good governance and decentralization : Assuring women's participation in Panchayats of two backward districts of Northern part of West Bengal	Dr. Dilip Kumar Sarkar Controller of Examination	MHRD, GOI, Deptt. of Women and Child Develop- ment	–	1,92,850	10 months by 07.12.2005
12.	Development of Immobilized Reagents and catalysts for Transfer Hydrogenation of Multiple bonds	Prof. B. Basu Botany	CSIR	1,35,370	–	5 years w.e.f. 01.02.2005
13.	Solution properties of Sodium Carboxymeth- Icelulose in acetonitrile- water mixed solvent media	Dr. Bijan Das Chemistry	CSIR	1,25,665	–	5 years w.e.f. 04.03.2005
14.	Analysis of the immunotherapeutic response of turmeric extract towards malignancy, taking both lumcells and lymphocytes as targets	Prof. Ashim Kumar Chakraborty, Centre for Life Science	ICMR	2,08,200	4,80,000	3 years w.e.f. 15.02.2005 to 14.02.2008
15.	Garden of Medicinal plants in the Campus of North Bengal University	Prof. A.P. Das Botany Sri M.U.Alam, DAEEFO	DST, Govt. of West Bengal	3,77,200	–	2 years w.e.f. 14.03.2005
16.	Synthesis of new organotin (IV) ₂ , derivative(s) and evaluation of antitumor activity	Dr. T.K. Choudhuri, Zoology	DST New Delhi	5,40,000	6,96,000	3 years w.e.f. 30.06.2005 to 29.06.2008

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17.	Demonstration of block level GIS and capacity building for development planning in Jalpaiguri district Delhi	Dr. Subir Sarkar Geography & Applied Geography	DST New Delhi	9,48,000	14,10,280	2 years w.e.f. 05.01.2006
18.	"Detection and Induction of Defense Enzymes in Tea Plants"	Dr. Aniruddha Saha, Botany	CSIR	4,59,000	60,000	3 years w.e.f. 02.05.2006

Total fund allocated for all the E.M.R. Projects :- Rs. 1,47,01,368/-

5.7.8 Major Highlights during 2005-2006

(a) The University introduced the following courses on Self-financed basis during 2005-06.

1. M.A. in Strategic & Area Studies in the Centre for Himalayan Studies.
2. Master in Library & Information Science (1 year) in the Department of Library Science.
3. M.Sc. in Microbiology in the new Department of Microbiology.
4. P.G. Diploma in Mass Communication and Video Production in partnership (MOU) with Ritwick Academy, Kolkata.

(b) A Telephone Exchange of BSNL has been installed in the campus whereupon all the telephone numbers have been changed (the first four digits have changed to 2699 and the last three digits remain unchanged).

(c) The University applied to the NAAC for Re-accreditation and submitted all documents for the same. The visit will take place during April 4- 7, 2006.

5.8 VIDYASAGAR UNIVERSITY (1981)

The University was established on 29th September 1981 under the Vidyasagar University Act 1981 (West Bengal Act VIII of 1981). It has been named after Pandit Iswar Chandra Bandyopadhyay, known as Vidyasagar, the great educationist and social worker of Bengal. The Vidyasagar University was established with a mission to serve the society through development of Higher Education. Moreover, this university intends to serve the local needs depending on ethnic, socio-cultural and geographical factors and at the same time, the demands of mainstream education. The University logo with the motto "Education, Knowledge, Progress" embodies the mission stated above.

The campus of the university has an area of 182.75 acres (the main campus measuring 103.79 acres, the residential campus 35.09 acres and the third campus 43.97 acres to be developed as the Centres of the University).

The university is an affiliating one with its jurisdiction extending to the limit of Midnapore District or any District, which may be created in future out of any part thereof. Thirty colleges of Calcutta University within the District of Midnapore were initially deemed to have been affiliated to Vidyasagar University after ceasing to be affiliated to that university. Thereafter, a few colleges were established and affiliated to this university, taking the total number to 46. The figure includes three Law Colleges (one at Midnapore town, one at Haldia and another at Sarsuna, Kolkata) and 4 para-medical colleges, 2 Govt. colleges and 2 Girls' Colleges.

5.8.1 THE UNIVERSITY AT A GLANCE :

1.	No. of Affiliated Colleges :	46
	(i) For Girls	02
	(ii) Professional (B. Ed)	02
	(iii) Paramedical	04
2.	Teachers Total :	1135
	(i) University (Sanctioned)	117
	(ii) Colleges (Sanctioned)	1018
3.	Area of the Campus in Acres :	182.75
	(i) Main Campus	103.74
	(ii) Residential Campus	35.04
	(iii) Third Campus (To be developed for Centre)	43.97

UNIVERSITIES

4.	University Officers (Sanctioned)	23
5.	Non-teaching Staff (i) University (sanctioned) (ii) Directorate of Distance Education	132 + 10 (for DDE) 132 10
6.	Students Enrolment (i) Ph. D. (ii) Postgraduate (1st Year) [2004-2005] (iii) Undergraduate (iv) Distance Mode (Bridge, Masters)	60 1350 : M-782, F-568 57337; M-38166, F-19171 7600
7.	No. of Exam. Conducted	08
8.	No. of Faculties	02
9.	No. of Board of Studies & Meetings held during this period (a) Postgraduate (b) Undergraduate	55 113
10.	University Library Books Journals (Back Vols.)	66539 2614

5.8.2 POST-GRADUATE DEPARTMENT

FACULTY OF ARTS & COMMERCE

Departments : 1. Bengali; 2.Commerce with Farm Management, 3. Economics with Rural Development; 4. English; 5. History; 6.Library and Information Science; 7.Philosophy and Life-world; 8. Political Science with Rural Administration.

FACULTY OF SCIENCE :

Departments : 1. Applied Mathematics with Oceanology and Computer programming; 2. Anthropology; 3.Botany and Forestry; 4.Chemistry and Chemical Technology; 5. Computer Science; 6. Geography and Environment Management; 7.Human Physiology with Community Health; 8. Physics and Techno-Physics; 9.Zoology; 10. Electronics; 11. Microbiology

5.8.3 OTHER POST-GRADUATE COURSES : B.Tech. Course; M.Sc. etc.

B.Tech Courses : i) Chemical Engineering , ii) Computer Engineering , iii) Instrumentation Technology

M.Sc. Courses : i) Geography with Environment Management, ii) Microbiology, iii) Electronics, iv) Botany & Forestry (Distance Mode), v) Physics & Techno physics (Distance Mode)

M. A. Courses in Distance Mode : i) Bengali, ii) English, iii) History, iv) Political Science, v) Commerce

M.B.A. Course : i) Master of Business Administration

M.C.A. Course : i) Master of Computer Application

5.8.4 COLLEGES WITH DETAILS OF VOCATIONAL COURSES :

1.	Belda College	Office management & Secretarial Practice
2.	Egra S. S. B. college	Office management & Secretarial Practice
3.	Jhargram Raj College	Functional English
4.	Mugberia C. Mahavidyalaya	Tax Procedure & Practice
5.	Panskura Banamali College	Office Management & Secretarial Practice
6.	Raja N. L. Khan Mohila Mahavidyalaya	Sericulture
7.	Ramnagar College	Industrial Fish & Fisheries
8.	Sabong Sajnikanta Mahavidyalaya.	Industrial Fish & Fisheries
9.	Seva-Bharati Mahavidyalaya	Seed Technology
10	Y. S. Palpara Mahavidyalaya	Computer Application
11.	Hijli College	(i) Office Management & Secretarial Practice (ii) Computer Application
12.	Subarnarekha Mahavidyalaya	Tax Procedure & Practice
13.	Chandrakona Vidyasagar Mahavidyalaya	Computer Application
14.	Kharagpur College	Advertising, Sale Promotion & Sales Management
15.	Bajkul Milani Mahavidyalaya	Automobile Maintenance

16.	Sitananda College (Nandigram)	Industrial Fish & Fisheries
17.	Garhbeta College	Office Management & Secretarial Practice
18.	Mahishadal Raj College	Industrial Chemistry
19.	Moyna College	(i) Agro-Service (ii) Functional English
20.	Prabhat Kumar College	Industrial Fish & Fishery
21.	Pingla Thana Mahavidyalaya	Principles and Practice of Insurance
22.	Haldia Govt. College	Tourism and Travel Management
23.	Midnapore College	Instrumentation
24.	Tamralipta Mahavidyalaya	Tax Procedure & Practice
25.	Khejuri College	Agro-Service

5.8.5 FACULTIES AND DEPARTMENTS

POST GRADUATE COURSES :

FACULTY OF ARTS & COMMERCE :

1. Bengali, 2. Commerce with Farm Management, 3. Economics with Rural Development, 4. English, 5. History, 6. Library and Information Science, 7. Philosophy and Life-World, 8. Political Science with Rural Administration.

FACULTY OF SCIENCE :

1. Applied Mathematics with Oceanology and Computer programming , 2. Anthropology, 3. Botany and Forestry, 4. Chemistry and Chemical Technology, 5. Computer Science, 6. Geography and Environment Management, 7. Human Physiology with Community Health, 8. Physics and Techno-Physics, 9. Zoology.

OTHER COURSES :

- A. B.Tech. Courses : (i) Chemical Engineering , (ii) Computer Engineering,
(iii) Instrumentation Technology.
- B. M. Sc. Courses : (i) Electronics, (ii) Microbiology.
- C. Master of Computer Application
- D. Master of Business Administration.

5.8.6 MAJOR HIGHLIGHTS DURING 2005-2006

- The University has extend affiliation to Kharagpur College for conducting 2-Year Postgraduate Course in Bengali from the session 2005-2006.
- Distance Educational Council visited the University and sanctioned a grant of Rs 25 00 Lacs to the University.
- The Department of Economics with Rural Development organized a two-day National Seminar on Decentralised Planning and Poverty Alleviation during March 2005
- The Department of Economics with Rural Development organized the University Grants Commission sponsored Refresher Course on "Decentralisation, Planning and Participatory Development".
- A Pilot Research Project offered by the State Land Use Board, Department of Development and Planning, Government of West Bengal has been accepted by the Department of Economics with Rural Development of the University to conduct pilot survey and to report on the potential of improvement of land use and cropping pattern in the laterite western part of West Bengal
- The Department of Bio-Medical Laboratory Science & Management conducted a National seminar on Bio-Medical Laboratory Science taking funds from UGC, DST & ICMR
- The Department of Bio-Medical Laboratory Science & Management is going to start condensed MLT Course for the PGDLT students of the University.
- Dr Kaushik Bose was awarded a Major Research Project entitled "Evaluation of Health and Nutritional Status of Tribal Children Bankura, Paschim Medinipur and Purulia District of West Bengal" worth Rs 2,78,000 00 by the Department of Science and Technology Govt of West Bengal.
- Dr. Abhijit Sinha, Department of Commerce with Farm Management of the University has been awarded the Arabinda Banerjee Silver Medal by Indian Institute of Social Welfare and Business Management for securing the second position in the M B A (Day) Examination, 2004
- The Department of History of the University has received an amount of Rs 2 00 lakhs (Rupees two lacs) only sanctioned by Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata for conducting a project entitled "Communities and Local History A Study in the Processes of Community Formation in South Western Bengal (from Mid 19th Century to 1947)"

UNIVERSITIES

- The Department of Philosophy and the Life-World organized the University Grants Commission sponsored Refresher Course on Ethics and Social Philosophy.
- Establishment of new three P.G. departments of Vidyasagar University viz. Sanskrit, Sociology and Bio-Medical Laboratory Science & Management.
- 9 Bronze Statue of Pandit Iswar Chandra Vidyasagar has been installed at the University Campus on 26th September, 2005.
- Postgraduate courses of Sanskrit and Chemistry has been introduced under distance mode.
- As approved by the Executive Council as well as the COURT the P.G.Courses in Sociology and Sanskrit has been introduced at this University from the session 2005-2006.
- 23 Nos. (07 + 16) of students of the department of Aqua-culture Management & Technology have been screened for placement and trainee through campus interview. The trainee students will get placement after completion of final Part-II examination.
- A Digital Image Processing (DIP) and Geographic Information System Lab set up primarily with FIST/DST/Govt. of India by the Department of Geography and Environment Management which does not have a parallel in any University of West Bengal.
- The Department of Botany & Forestry is co-ordinating the networking of Joint Forest Management of Eastern Region comprising Bihar, Jharkhand, Orissa and West Bengal funded by Society for Promotion of Wasteland Development, New Delhi.
- 80% of the students from the Department of Chemistry and Chemical Technology of the University are qualified in UGC/CSIR/NET Examination every year.
- 34 nos. of students of the Department of Chemistry and Chemical Technology have qualified in the screening result of UGC/CSIR NET Examinations, 2005.

5.9 NETAJI SUBHAS OPEN UNIVERSITY (1997)

Netaji Subhas Open University was established by an Act of the State Government (Act XIX of 1997) on the occasion of birth centenary of Netaji Subhas Chandra Bose. The main objective of this Open University has been to provide higher education opportunities to those who can not pursue higher education due to socio-economic, inaccessibility or other limitations.

The headquarters of the University is housed in a historic building originally owned by Sarat Chandra Bose, a freedom fighter and an elder brother of Netaji Subhas Chandra Bose. Now the University is going to offer its various courses outside the State of West Bengal.

The University at present operates through 142 Study Centres in different colleges covering enrolled students of 69,000 of 15 Programmes in 55 courses.

VISION :

Netaji Subhas Open University, the State University of West Bengal, will contribute to the building up of quality human resource base of the State and collaborate with other Open Universities of the National and State level towards the improvement of the quality of distance education and to promote and develop appropriate technology to create the distance education scenario of an international standard in our country keeping in view of the demands of the knowledge seekers for education appropriate to the twenty first century.

MISSION :

To spread higher education in different parts of the State and to cooperate with Universities to provide access to higher education and to different skill enhancing educational programmes Netaji Subhas Open University shall :

- provide quality education in flexible mode to serve the aim of establishing an equitable knowledge Society within the State.
- provide higher education through distance learning through the language of the State, i.e. Bengali.
- make education affordable to disadvantaged.
- provide facility for lifelong education to the intending learners.
- strive for upgradation of technology without compromising the basic values of the society.
- contribute to the development of the State and the nation and motivate learners to strive for secular, scientific and democratic education.

ROLE OF STUDY CENTRES :

The University through 142 study centres runs B.P.P (Bachelor Preparatory Programme), B.D.P (Bachelor Degree Programme -Arts, Commerce and Science), Post Graduate Degree Courses (Arts, Commerce and Science) Post Graduate Diploma, Certificate Courses and Vocational and Professional/ Management Courses.

NETAJI SUBHAS OPEN UNIVERSITY HAS INTRODUCED THE FOLLOWING COURSES :

- (a) **Undergraduate Courses** (Arts) : Bengali, English Language, History, Political Science, Sociology , Economics and Public Administration. (Science) : Mathematics, Physics, Geography, Chemistry , Botany and Zoology Commerce.
- (b) **Post Graduate Degree Courses** :- Bengali, English, English Language Teaching, Political Science, Social Work, Public Administration and History Commerce Mathematics, and MCA
- (c) **Post Graduate Diploma Courses**:- Co-operation, Journalism and Mass Communication, Public Relations Advertising.
- (d) **B.Ed. (Special Education)** for Mental Retardation and Hearing Impairment in collaboration with RCI.
- (e) **BLIS** (Bachelor Degree in Information and Library Science).
- (f) **Diploma Courses** :-Entrepreneurship Development and Business Management, Medical Laboratory Technology, Yoga therapy and Physiotherapy, Basic Photography, Advanced Photography.
- (g) **Certificate Courses** :- Preparatory Teachers Training (Professional courses) English for Communication, Bengali Language and Human Rights.
- (h) **Vocational Courses** (i) Tailoring and Dress Designing related Courses, (ii) Electrical and/ Electrical related Courses, (iii) Automobile related Courses,(iv) Information Technology related courses, (v) Agriculture related courses,(vi) Art & Craft related courses,(vi) Fitting and Plumbing related courses.
- (i) **M.Phil Course in Education** in collaboration with IASE, David Hare Training College.
- (j) **Degree of Doctor of Philosophy** in Arts, Science, Commerce, Management, Computer Science, Distance Education and Interdisciplinary subjects.
- (k) **M.B.A.** : This is one of the popular Courses of the School of Humanities and Social sciences is the Management programme at the completion of which the students will be awarded the MBA degree.

IMPORTANT DEVELOPMENT

MoUs have been signed between NSOU and the following Institutions for the purposes as mentioned below.

- (i) **Chennai Mathematical Institute** : The premier Institute of Mathematics pioneered by the legendary Mathematician C.S.Seshadri F.R.S in an effort to provide the best opportunities to the students for interactive studies and research in Mathematics. It is indeed a privilege that CMI has come forward with the scheme of scholar Exchange Programme with Netaji Subhas Open University.
- (ii) **M.S.Swaminathan Research Foundation, Chennai** under the initiative of eminent Agricultural Scientist Professor M.S. Swaminathan, Chairman of the Foundation for carrying out a programme for rural uplift by the application of ICT Techniques.
- (iii) **Rehabilitation Council of India** for B.Ed (Special Education) Course to serve the Disability Sector.
- (iv) **CARE Foundation** :
Netaji Subhas Open University in collaboration with CARE Foundation will launch the following courses from the academic year 2005-2006. The courses identified are :- (i)3-year Physician Assistant Post Graduate Diploma Course, (ii) 3- year Nurse Hospital Administrator M.Sc. Course.
- (v) **3-year Cardiovascular Nursing Post graduate Diploma Course**
A MoU between Netaji Subhas Open University and CARE Foundation was signed on 09.12.2005 to start the courses at CARE Hospitals, Hyderabad.

Commissioning The Digital Reception system :

All arrangements have been made for commissioning the digital reception system in KU Band for downlinking Gyan Darshan educational T.V. Channel of India at our twelve study centres. Keeping pace with the advancement of the ICT in propagating and strengthening the ODL System, the venture will add to the activities of the University.

EDUSAT : The works relating to the installation and commissioning of VSAT for ISRO under EDUSAT Project has already been completed.

Video Conferencing Facilities :

A video Conferencing Unit was installed at our Salt Lake Campus for facilitating the development of ODL through the virtual mode and helping this region catch up with the developments in virtual education taking place elsewhere in India and abroad. This network, expected to be widened soon will serve as a launch pad for future expansion and integration.

On- Line Bangla :

Netaji Subhas Open University in collaboration with the Central Institute of Indian languages, Mysore, launched its On-Line Bangla Course. This web based course designed for the virtual mode is carefully crafted to suit the varied needs of learners interested in learning Bangla Language not only in other parts of India but also in the huge Bengali diaspora abroad.

Interactive Radio counselling :

Apart from GYAN VANI F.M., NSOU broadcasts programmes on different subjects on the 4th Sunday of every month through All India Radio concentrating on the electric assortment of Awareness Programme, Support Services, Special programmers of National importance.

Seminars/Conferences/Memorial lectures :

As usual there has been a spate of activities, Seminars, Symposium, workshops, Conferences and Memorial lectures round the year. A few of these are illustrated in brief:-

The Second Endowment Lecture was delivered by **Sri H.P. Dikshit**, Vice-Chancellor, Indira Gandhi Open National University and Chairman, Distance Education Council on **28th December, 2005** at Rotary Sadan.

Foundation Day Lecture was delivered by **Sri Bikash Ranjan Bhattacharya**, Hon'ble Mayor of Kolkata Municipal Corporation on **December 10, 2005** at the University Main campus.

International Conference on 'Towards A Culture of Quality' in collaboration with COL (Commonwealth of Learning), Vancouver, Canada and UNESCO (United Nations Educational, Scientific & Cultural Organizations) was held on **November 21-23, 2005**.

A National Seminar on Intellectual Property Rights was held on **August 12-13, 2005**. The Seminar was inaugurated by His Excellency Sri Gopalkrishna Gandhi, the Governor of West Bengal and the Keynote Address was delivered by **Professor R.A.Mashelkar**, FRS, Director General, CSIR.

The third Convocation of the University was held on **July 13, 2005** at Mahajati Sadan, Kolkata. His Excellency **Dr. A. P. J. Abdul Kalam**, Hon 'ble President of India kindly graced the occasion by delivering Convocation Address.

The Second Ramanujan Memorial lecture was delivered by **Dr. Bhalchandra Mungekar**, Hon'ble Member, Planning Commission, Govt. of India on **July 29, 2005**.

The prestigious Second Acharya Jagadish Chandra Bose Memorial Lecture was delivered by **Professor Govardhan Mehta**, FRS, Director, Indian Institute of Science, Bangalore on **June 11, 2005**.

Inauguration of Kalyani Campus of the university was done at Kalyani, Nadia. Inaugural Address delivered by Sir **John Daniel**, President and CEO, Commonwealth of Learning, Vancouver, Canada on **April 15 , 2005**.

Special Convocation was held where the degree of Doctor of Letters, Honoris Causa was conferred on **Sir John Daniel**, President and CEO, Commonwealth of Learning, Vancouver, Canada on **April 14, 2005**.

An Endowment Lecture on "Extraordinary Education for Ordinary People" was delivered on Wednesday, **April 13, 2005** by **Sir John Daniel**, President and CEO, Commonwealth of Learning, Vancouver, Canada. **Hon'ble Justice Sri Shyamal Sen, Chairman**, Human Rights Commission, West Bengal presided over the Session.

Scholarship: Post graduate students and students studying vocational courses are entitled to SAF -Madanjit Singh scholarship on fulfillment of certain eligibility criteria.

List of new programmes and Courses proposed to be launched during 2005- 2006.

Netaji Subhas Open university in collaboration with CARE Foundation will launch the following courses from the academic year 2005- 2006. The courses identified are :- (i) 3-year Physician Assistant Post Graduate Diploma Course, (ii) 3- year Nurse Hospital Administrator M.Sc. Course and (iii) 3-year Cardiovascular Nursing Post graduate Diploma Course.

A MoU between Netaji Subhas Open University and CARE Foundation was signed on 09.12.2005 to start the courses at CARE Hospitals, Hyderabad.

5.10 THE WEST BENGAL UNIVERSITY OF TECHNOLOGY (2000)

The West Bengal University of Technology Act 2000, under the West Bengal Act XV of 2000, was passed by the West Bengal Legislature and published in the Calcutta Gazette (Extraordinary) vide publication No 146-L dated 20th July 2000. The West Bengal University of Technology came into existence on 7th August 2000. It started functioning with the assumption of office of the first Vice-Chancellor on 15th January 2001 through affiliation of Institutions / Colleges.

The University is currently located at BF-142, Sector-I, Salt Lake and has a Second Campus at AQ/13/1 Sector V, Salt Lake, Kolkata-700091. It is proposed to build main campus at Haringhata, on NH 34 near Kalyani, on a 40-acre land. The boundary wall for the allotted land is taken up as at first stage of construction. West Bengal Industrial Infrastructure Development Corporation is the Project Management Agency.

To achieve self-reliance the Country requires Centre of Excellence for evolving World Class Technology. The University has twin objectives: (a) to serve as a Centre of Excellence in teaching and research & (b) to provide affiliation to engineering, technological and management institutes. In order to fulfill the above objectives three Centres of Excellence viz. Department of Biotechnology, Department of Information Technology & IBM Centre of Excellence Laboratory have been set up in the University.

At present as many as 76 engineering, technology and management institutes all over West Bengal have been successfully functioning under the guidance and control of this University.

The University has taken over the charge of the IIIT-C and transformed it into a Department of Information Technology of the University. Besides, the other in-house programme of the University i. e. M.Tech. in Biotechnology, M.Tech. in Bioinformatics, M.Sc. in Bioinformatics, M.Tech. in Software Engg., M.E. in Computer Science & Engg., M.E. in Information Technology have been running in full swing.

Mission of the University :

- Post Graduate study and research would be emphasized for the grooming of scientists, engineers and technologists.
- The management system of the University would be compact and responsive to global changes in technology.
- The University would have intimate and collaborative linkages with national and international research institutes, universities and industry.

- The University would have an International Centre to organize national and international seminars, as well as conferences and lectures by international experts in different fields of science and technology.
- To organize courses in engineering and technology, especially in emerging areas. .To organize distance education programmers aiming at a virtual University.
- To develop Centre of Excellence for higher studies and research in basic and applied science, engineering, technology and management education.
- To create awareness in key areas of environmental science, conservation of energy and resource, information technology and biotechnology.
- To organize continuing education programmes for updating the knowledge and skills of working professionals.
- To organize and offer consultancy services to the industry and other organizations desiring such assistance.
- To undertake such other activities as may be necessary to fulfill the mission of sustaining the emerging areas of science and technology.

Evaluation :

A detailed calendar of academic and related activities is published at the beginning of each year and is followed rigorously. Each academic year is divided in two semesters - Even (January to June) and Odd (July to December). At the conclusion of each semester, an end-semester examination is conducted as per program announced by the Controller of Examinations. The performance evaluation comprise two distinct components :

- "day-to-day" evaluation through practical tests, assignments, quizzes, participation and regularity.
- "end-of-semester" evaluation through written/practical examinations for theory and practical items and appropriate interactive assessment of sessional items.
- The examination scripts are centrally evaluated under supervision of respective head examiners to enable adherence to uniformity in the standard of grading. Individual grade cards are issued in 7-point grading system simultaneously the whole process taking about one month from the conclusion of examination.

Academic Activities During 2005-06 :

The University now has 45 permanent employees and 24 teaching faculty members on its rolls. There are two Advisers to help the University with our academic activity.

The library has now nearly 12500 books and subscribes to nearly 50 Indian and three foreign journals. Besides these, there is access to nearly 35000 full text e-journals. This caters towards the need of the University staff, students and the faculty. The University has established a Digital Library in collaboration with L2C2Technologies. It involved an upgradation of a Library Management software KOHA to a truly Digital Library management software. The Library is now open 14 hours a day on weekdays and 12 hours on Sundays and Saturdays. This has been made possible with the induction of Earn While You Learn Scheme for the students. Under this scheme the students can earn @ Rs.50 per hour for a maximum of 25 hours in a month.

Industry Institute Partnership and Research activities in the School of Information Technology.

- University has decided to go in for technical collaboration with ESP microDesign Inc., for participating in a joint venture.
- ESP microDesign Inc., an US based start up organisation seeks to commercialise a new parallel digital processor platform. This new platform will provide customers with both the design tools and the production hardware needed to develop and manufacture a revolutionary class of solutions to difficult digital processing problems. The innovative technology provides design engineers a fully software programmable architecture that has the capacity to meet the performance needs of next generation wireless communication devices, network packet routing boxes, medical imaging diagnostic machines, robotic vision systems, natural human speech interfaces and more.

List of some of the Ongoing Research Projects

1. Implementation of a Re-configurable DSP Processor on Xilinx Vitex II FPGA.
2. ASIC implementation of a Dynamically Re-configurable high speed DSP processor.
3. Conversion of Analog signal or Binary Data to Double Based Numbers – A VLSI mixed signal Processor.
4. Conversion of Analog signal or Binary Data to Residue – A VLSI mixed signal processor.

5. Performance enhancement of a Re-configurable DSP Processor by implementing the MAC Unit using Triple based number systems.
6. An Integrated Development platform for a Re-configurable Parallel Digital Signal Processor system.

The School now runs 3 PG courses in CSE, IT and Software engineering in PG and one B.Tech. IT. All these programs are AICTE approved. One PG Diploma in Software engineering is also being offered.

School of Biotechnology

- From the School of Biotechnology the University is offering two M.Tech. programs in Biotechnology and Bioinformatics. The Biotechnology program is fully supported by the Department of Biotechnology, Govt. of India. An annual grant of nearly Rs.30 lakhs has been obtained on this account from DBT. The University has also been accorded the status of an Associate member by the DB/T Task Force on Bioinformatics. Both the M.Tech. courses are approved by the AICTE. A program of Integrated Ph.D. in Molecular Biology has also been started. The students of Biotechnology are recruited through a centrally administered admission process.
- Two 100 litres fermentors for growing *Azotobacter chroococcum* in the Biofertiliser project have been set up.
- As on date it has been made possible to isolate and study 21 novel microbes with the ability to take up heavy metal ions using EDXRF of IUC-DAE and Transmission Electron Microscopy. A systematic study is being conducted about the presence of heavy metal ions and other trace elements in microbes, plants and eukaryotic cells from East Calcutta Wetlands.

Following are the ongoing funded projects :

1. Bioinformatics tools and comparative microbial community analysis Deptt. of Science & Technology, India under DAAD-DST personal Exchange program.
2. Genetic Resource Management of East Calcutta Wetlands – Funded by Department of Science and Technology under the DST Fast Track scheme for Young Scientists.
3. Ionizing Radiation induced DNA DSB studies of Methanogens isolated from East Calcutta Wetlands funded by IUC-DAE, CSR, Calcutta.

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2. The second part of the document focuses on the role of the accounting department in providing accurate and timely financial information to management. It states that this information is essential for making informed decisions about the company's future. The text also highlights the importance of maintaining a high level of transparency and accountability in all financial reporting.

3. The third part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial system and for providing a clear audit trail. The text also mentions that this practice helps in identifying any discrepancies or errors early on, which can then be corrected before they become more significant.

Financial Statement Data	
Item	Value
Revenue	1000
Expenses	800
Profit	200
Assets	500
Liabilities	300
Equity	200

4. The fourth part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial system and for providing a clear audit trail. The text also mentions that this practice helps in identifying any discrepancies or errors early on, which can then be corrected before they become more significant.

WBUT had distinguished visitors in the campus viz. Prof. D. Acharya, Chairman AICTE. DR. Acharya chaired a brainstorming session on Developing Entrepreneurship based M.Tech. curricula. The meeting was also attended by Prof. K.L.Chopra, ex-Director IIT, Prof. Subir Chaudhury, ex-Director IIM, Kolkata. A spin off this discussion meeting has been the establishment of EKTA incubation Centre.

The previous Chairman of AICTE Prof. R.Natarajan chaired a brain storming session attended by 22 academics including Vice-Chairman, Higher Education Council, Prof. Subimal Sen. This meeting discussed the issues related to Use of Open Source in Technical Education.

In order to ensure good quality text books, especially for the Under graduate students WBUT has entered into an MoU with New Age publishers for publication of books. The University has taken initiative to develop soft skill of the students by entering into agreement with several institutions. They are running pilot projects in the University with an approach that their program gets fine tuned to the needs of the students of West Bengal University of Technology. The Cambridge program of British Council, Orient Longmans, IMS are engaged in this, to name a few.

A one day workshop was organised where eight industrial houses mainly from IT sector participated where the industry's perspective in terms of the skill set requirement of the students to increase their employability was discussed.

5.11 THE BENGAL ENGINEERING AND SCIENCE UNIVERSITY, (2004)

Genesis

Established way back in 1856, as the Civil Engineering College, Calcutta; renamed as 'Bengal. Engineering College' in 1921 and elevated to the status of a 'Deemed University' in 1992; the University with its present name as 'Bengal Engineering and Science University, Shibpur' has come into being with effect from October 1, 2004. With a presence of nearly 150 years, it is considered to be one of the pioneers of engineering education in India;

The University is located in a sylvan surrounding in the district of Howrah, on the bank of the river Hooghly and is adjacent to the famous Indian Botanic Garden. It is only a few minutes drive to the heart of Kolkata through the Vidyasagar Setu.

Academic Programmes

UG Programmes

The University offers UG programmes leading to B.E/B.Arch. degrees in nine branches namely Architecture, Civil Engineering, Computer Science & Technology; Electrical Engineering, Electronics

& Tele-Communication Engineering, Information Technology, Mechanical Engineering, Metallurgical Engineering and Mining Engineering. Admission to UG programmes, is based on W. B. Joint Entrance Examination, Recently, a BBA programme has also been introduced.

PG Programmes

The University has the distinction of being the first institute to offer postgraduate degrees in various branches of engineering since 1953. The following postgraduate programmes are offered at present :

- Master's of Engineering/Technology in Civil, Electrical, Mechanical, Metallurgy; Computer Science and Technology, IT, Electronics and Telecommunication, Engineering Mechanics, Mining, Materials Engineering
- Master's in Town and Regional Planning (MTRP)
- Master's in Computer Application (MCA)
- Master's in Business Administration (MBA)
- Part time PG programme in Civil Engineering in specialized fields and Industrial Metallurgy
- Full time M.Sc programmes in Applied Physics, Applied Chemistry; Applied Mathematics and Applied Geology

The following autonomous schools have already been established to facilitate interdisciplinary PG activities :

- Purabi Das School of Information Technology
- School of Management Sciences
- Dr. M.N. Dastur School of Materials Science and Engineering
- School of Community Science and Technology

Ph.D. Programmes

Doctoral programmes have been an integral part of the University since 1954. With the institute's upgradation to University status, these are being further strengthened with increase in number of Fellowships.

Funded Research

R&D activities in the institute are financed by different national and international agencies. The major funding agencies include AICTE, DST, CSIR, DRDO, INTEL, NASA-USA and World Bank to name a few. The institute has always contributed to community technology development. Innovative research works done in-house have already led to the procurement of several patents.

Cutting edge research

Besides conventional fields, the University has brought many frontier areas of Science & Technology under the purview of its research activity in recent years, Some such areas are : VLSI and Embedded Systems. Nano science and Technology, Disaster Engineering, Cellular Automata, Bio-Mechanics, Fuel Cell Technology; Intelligent Motion Control etc.

Achievements

The University successfully completed the prestigious IMPACT project sponsored by the World Bank.

The Journal of Technology, a referred journal for publishing national and international research works in science and technology is being published since 1956.

Industry Academia Interaction : The University has successfully carried out research projects sponsored by leading organizations like Intel-USA, Fujitsu-USA, NORTEL- USA etc. Ministry of HRD, Govt. of India has declared the university 'an institution of National Importance' along with Jadavpur University and three other reputed institutions across the country and a grant of Rs.10 crore has been sanctioned at the first phase.

Collaborations : Faculty members of the University have been involved in research programmes in collaboration with experts in different academic institutions within the country and abroad. Noteworthy among them are the IITs; University of Illinois, Urbana-Champaign, USA; University of New South Wales, Australia; University of Ulm, Unlverslty Fuer Verfahrenstechnik, Germany; Dalhousie University, Canada; Swiss Federal Laboratories for Material Testing and Researxch (EPMA), Switzerland and Delft University, Netherlands.

Plans for a second campus are also underway, with establishment of new departments of Chemical Engineering and Bio Technology; new schools in frontier technology areas like VLSI, Bio-Informatics, Mechatronics and Robotics, Environmental Engineering and other facilities.

5.12 Total No. of Posts Sanctioned by the UGC for the 10th Plan and Approved by the State Government (Synopsis)

Institute	Prof.	Reader	Lecturer	Total
1. Calcutta University	–	–	1	1
2. Jadavpur University	1	–	17	18
3. Burdwan University	3	1	–	4
4. Kalyani University	1	2	4	7
5. Rabindra Bharati University	–	–	5	5
6. North Bengal University	–	3	7	10
7. Vidyasagar University	–	–	22	22
8. Bengal Engineering & Science University	–	2	2	4
TOTAL	5	8	58	71

CHAPTER – 6

OTHER UNIVERSITIES

- 6.1. *Other State aided Universities in West Bengal*
- 6.2. *Central Universities in West Bengal*
- 6.3. *Institutes of Importance*

CHAPTER – 6

OTHER UNIVERSITIES

6.1 OTHER UNIVERSITIES IN WEST BENGAL

6.1.1 BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252.

Ph. 033-2587-9772, 03473-222666, E-mail : vcbckv@vsnl.net

The university established in 1974, has completed three decades of its existence as the pioneer institute of Agricultural Education, Research and Extension. The main objective of this Viswavidyalaya is to provide facilities for the study of Agriculture, Horticulture and Agricultural Engineering. It is also to conduct researches in these sciences and undertake the educational and extension programmes in agriculture among the rural clientele base, keeping in view the requirements of the state.

Allotment of Seats in different Under Graduate Courses

Course	Total Intake
B.Sc. (Agriculture) Hons.	100
B.Sc. (Horticulture) Hons.	20
B. Tech. (Agril. Engg)	20

6.1.2 UTTAR BANGA KRISHI VISWAVIDYALAYA

P .O. Pundibari, Dist - Cooch Behar

West Bengal-736165 Ph. 03582-270141/249

The Uttar Banga Krishi Viswavidyalaya (UBKV) is a new-born Agricultural University in West Bengal. It has come into existence at Pundibari, 16 k.m. away from the Cooch Behar district head quarter on 1st February, 2001. Since 1979, an Educational and Research establishment had been operative at Pundibari under Bidhan Chandra Krishi Viswavidyalaya as a part of its constituent units. The University has been given responsibility for teaching, research and extension education in different branches of agriculture, horticulture, forestry , tea and allied science for creating qualified technical manpower and new technologies to the State Government in order to help the farmers towards increasing agricultural production and improving their economic conditions. The University has Regional Research Station/ Sub-stations at Kalimpong, Dalapchand, Pedong of Darjeeling district, Majhian of Dakshin Dinajpur district, Manikchak and Ratua of Malda district, Kharibari of Siliguri sub-division of Darjeeling district and at Pundibari of Cooch Behar district.

OTHER UNIVERSITIES

Academic programmes in the University, both at U.G., P.G. and Doctoral levels are conducted here. Instructional programmes in the University are being operated under Faculty of Agriculture and Horticulture. Besides, there have also been provisions of conducting inter-institutional, inter-disciplinary postgraduate level instruction and advanced research under nine centres of advanced studies.

The Faculty of Agriculture comprises of ten Departments namely, Agronomy, Agril. Chemistry & Soil Science, Genetics & Plant Breeding, Agril. Statistics, Agril. Economics, Agril. Extension, Agril. Entomology, Plant Pathology, Plant Physiology and Biochemistry. The Faculty of Horticulture comprises of five Departments namely, Pomology and Post Harvest Technology, Vegetable & Spice Crops, Plantation Crops & Processing which includes Tea Science and Technology, Floriculture and Aromatic & Medicinal Plants and Forestry.

6.1.3 WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

37 & 68, Khudiram Bose Sarani, Belgachia, Kolkata 700 037

Phone : 2556-5021

Date of establishment : 2-1-1995.

(Under the West Bengal University of Animal Science and Fishery Science Act, 1995)

The University is located in the old Bengal Veterinary College Campus on either side of Kudhram Bose Sarani in Belgachia. The arching entrance looks imperial and successfully conveys the impression that the university is rich in history and tradition.

FACULTIES

Faculty of Veterinary and Animal Sciences.

Faculty of Dairy Technology.

Faculty of Fishery Science.

Degree	Seats	Duration
(a) Bachelor of Veterinary Science (B.V. Sc. & A.H.)	102	5 years integrated course with 6 months internship training.
(b) M.V. Sc. & A.H.	108	2 years (course credit-system)
(c) Ph. D.	29	2 years (course credit-system)
(a) B. Tech. (D.T.)	31	4 years integrated course including 6 months in plant training.
(b) M. Tech. (D.T.)/M.Sc. (Dairy)	27	2 years (course credit system)
(c) Ph. D.	6	2 years (course credit system)
B. F. Sc.	31	4 years integrated course including 6 months farmhouse training.

6.1.4 THE WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCE

Aranya Bhavan, 10A, LA Block, Sector III, Salt Lake City, Kolkata - 700098

Ph : 2335- 0534 / 7379

FAX : 033 - 2335 - 7422

The West Bengal National University of Juridical Sciences came into existence in August 1999 under Act IX of 1999 passed by the West Bengal Assembly. The University commenced its academic programmes from 1st June, 2000.

Activities during the year :**The 2nd NUJS National Moot Court Competition**

The Second NUJS National Moot Court Competition was held on 3rd, 4th, and 5th February 2006. The following teams participated.

1. National Law University, Jodhpur
2. Symbiosis Law College, Pune
3. Indian Society of Law, Pune
4. National University of Advanced Legal Studies, Cochin
5. Government Law College, Mumbai
6. University Law College, Bangalore
7. Gujarat National Law University, Gandhinagar
8. Amity Law School, Delhi

The competition was inaugurated by Prof. B.S. Chimmi, Vice Chancellor on 3rd February. The draw of lots for preliminary was also held on the same day.

The National University of Juridical Sciences organized its very first Literary, Sporting and Cultural Festival. This fest, the culmination of almost two whole years of hard work, was one of the foremost agendas of this year's Executive Committee. Titled 'Outlawed' to celebrate the 'non-legal' side of the University, the event was organized over a span of three days from the 7th to the 9th of February 2006.

With an unrivalled drive and enthusiasm the three-day celebration took off. There were literary activities such as the Extempore, the JAM/HAM Competitions, Quizzes - Literary & General etc. The Sports Committee held football, basketball, carom and table tennis matches while the Cultural Committee organized painting, poster making, singing and dancing-eastern and western-competitions. The Final Night ended with one of Kolkata's most popular bands-Hip Pocket- performing in front of an exuberant crowd.

OTHER UNIVERSITIES

The fest saw participation from colleges across the city and outside. St. Xaviers, Presidency, Bhagwan Das Educational Society, Loreto, IIT Kharagpur, IIM Kolkata and a number of other local colleges participated at the NUJS fest. The event also provided an opportunity to further our relations with our neighbours the National Institute of Fashion Technology and the College for Leather Technology, both of which recorded enthusiastic participation, taking part in almost all the events. It took numerous trips to convince various local and national enterprises to convince them to invest in advertising at the fest (It was here that our persuasive skills were most tested). Many of these enterprises sent their representatives to the event to ensure the footfall and atmosphere merited their participation. Almost all of them returned satisfied, promising to cultivate the relationship for the future.

Courses available

Course	Eligibility criteria	Duration
B.A./B.Sc LL.B.(Hons.) Programme	Passed (10+2) in any stream with at least 50% marks in aggregate and 35% marks in English & other core subject	5 years.
LL.M. Programme	Passed LL.B. with 50% marks in aggregate	2 years
M Phil Programme	Passed LL.M. with 50% marks in aggregate	1 year
Doctor of Philosophy Programme (PHD)	M. Phil degree in the same subject as the one in which the candidate proposes to pursue her/his doctoral research.	Maximum of 5 years
Doctor of Laws Programme (LL.D)	M.Phil Degree in Law from any recognized University or a LL.M degree from a recognized University along with ten years experience in teaching law in a University/College/Institution of national importance or a LL.M degree from a recognized University together with a Ph.D degree in a law-related subject.	Maximum of 7 years
Certificate Course on human Rights Law	(10+2+3) in any discipline from a recognized University.	45 days

Note : This University does not have any distant mode of education.

Research Activities

The Research Activities are mainly done in the field of Law, viz. Criminal Law, Business Law & International Law.

ACADEMIC ACTIVITIES OF THE SCHOOLS DURING JUNE 2005 TO MARCH 2006**I. School of Criminal Justice And Administration**

1. A Ten-day Induction Training Programme for newly recruited Assistant Public Prosecutors of West Bengal - from 17th to 26th May, 2005.
2. Workshop on "Criminal Law Amendment Bill, 2005 - its merits and demerits" - 20th August, 2005.
3. Two-day Workshop on Human Rights for the Public Prosecutors and Assistant Public Prosecutors of West Bengal - 24th and 25th September, 2005
4. Six-day Vertical Interaction Course for Senior Police Officers -from 21st to 26th November, 2005.

ACADEMIC ACTIVITIES OF THE SCHOOLS DURING THE MONSOON SEMESTER (JUNE – OCTOBER 2005) AND WINTER SEMESTER (NOVEMBER – MARCH 2006)**School of Criminal Justice And Administration**

1. A Ten-day Induction Training Programme for newly recruited Assistant Public Prosecutors of West Bengal- from 17th to 26th May, 2005.
2. Workshop on "Criminal Law Amendment Bill, 2005 - its merits and demerits" - 20th August, 2005.
3. Two-day Workshop on Human Rights for the Public Prosecutors and Assistant Public Prosecutors of West Bengal -24th and 25th September, 2005
4. Six-day Vertical Interaction Course for Senior Police Officers -from 21st to 26th November, 2005.
5. Seminar on "Criminal Law Amendment, Act 2005 and its implications" – 24.12.05
6. Workshop Fringe Benefit Tax - its socio-economic benefits - 7.1.2006
7. Seminar on 'Victimology' - 14.1.2006.
8. Quiz competition as a teaching technique - 27.1.2006
9. Special Lecture by a Legal Practitioner of repute.
10. Address by an expert.
11. Publication during the relevant period and release of publication on 21st November, 2005.

Centre for Studies in WTO Laws

WTO AND THE THIRD WORLD

The Centre had its second programme in February 2006 when along with the Society of international Law and Politics organized a seminar on "Revisiting the Third World Perspective on the Completion of a Decade Long Institutionalized World Trading System" at the University. Prof. Mrityunjoy Mohanty, Indian Institute of Management, Calcutta chaired the seminar, while Ms. Sheela Rai, Lecturer, West Bengal National University of Juridical Sciences and two students namely Mr. Siddharth Sinha and Mr. Rahul Chatterji presented papers.

6.1.5 THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-1, Salt Lake, Kolkata-700 064

Year of establishment : 2002

Phone No. 2321-5389, Fax : 2358-0100

In pursuance of The West Bengal University of Health Sciences Act, 2002 (West Bengal Act XIII of 2002) this University was established in the year of 2002 and started functioning on the 1st Day of January, 2003 at DD-36, Sector-I, Salt Lake, Kolkata-700 064.

MISSION

The State Government notified the establishment of the University for the purpose of affiliating, teaching, ensuring proper and systematic instruction, training in Modern system of Medicine, Homoeopathic system of Medicine, Ayurvedic system of Medicine, Unani system of Medicine, Nursing Education, Pharmacy Education, Dental Education, Education on Laboratory Technology, Physiotherapy, Speech Therapy and Education on other Paramedical courses. This University will act as a specialized autonomous institution with the objective to promote academic freedom, scholarship for teachers as well as for the students and to foster and develop an intellectual climate conducive to the pursuit of scholarship and excellence, either independently or jointly with other centers of excellence of higher learning.

JURISDICTION

In terms of the provisions of the Act, all colleges, institutions and educational centres of Health Sciences in the State of West Bengal previously admitted to the privileges of or affiliated to the University of Calcutta, the University of Burdwan, the University of North Bengal, the University of Kalyani, the Vidyasagar University, the Jadavpur University, the Rabindra Bharati University, the

Viswa Bharati University or any other government recognized university, council or affiliating body, shall be deemed to be admitted to the privileges of or affiliated to this University with effect from the date so notified.

Accordingly all the medical colleges/institution and the centres imparting courses relating to health sciences have been brought under one umbrella of this University. The undergraduate Medical/ Dental/ Pharmacy/ Nursing colleges have been included from the academic year 2003. The Post graduate Medical, Dental and Nursing courses and Post Doctoral Medical courses have also been brought under the privilege/affiliation of this University from the academic year 2004.

Moreover, all the colleges/institutions imparting Homoeopathic, Ayurvedic, Unani and paramedical courses have also been brought under the affiliation of this University from 2004 academic year. A full list of the institutions/colleges presently running under this University has been detailed later.

ADMISSION

Admission to various University affiliated courses are conducted by the Joint Entrance Examinations or other Statutory Body of the Government of West Bengal for undergraduate courses i.e. M.B.B.S., B.D.S., B. Pharm, B.Sc. Nursing, B. Sc. Physiotherapy, BASLP, B.O.T., etc. The University conducts its own Examinations for admission in Postgraduate courses, Post Doctoral courses from the year 2004 i.e. MD/MS, PG Diploma, MDS, DM, M.Ch., M. Sc. Nursing, MD (Ayurved) etc. Rules for conducting Ph.D. on different Health Sciences subjects are also being framed shortly.

Academic and other activities during the year :

1. The University has been conducting examinations for admission in Postgraduate degree/ Diploma course, MDS, M.Sc. Nursing, 6 years M.Ch. (Neuro-Surgery) and regular DM, M.Ch. courses and M.D. (Ayurveda) course.
2. The University has already successfully conducted 1st Professional M.B.B.S., 1st Year M.Sc. Nursing, 1st & 2nd Semester B. Pharm and other required examinations strictly following the time schedules.
3. The University has already formulated its own Rules, Regulations and Syllabus for M.B.B.S./ B.D.S./B. Pharm/B.Sc. Nursing courses. The Rules, Regulations and Syllabus for the remaining courses are under process which is expected to be settled shortly.
4. The University is in search of big area, hereby Salt Lake, to construct University Campus.

OTHER UNIVERSITIES

5. An APEX BODY for the University has been formed with the nominees of the Ministry of Health & F. W., Govt. of India, Medical Council of India, University Grants Commission and I.C.M.R., New Delhi. The 1st meeting of the Apex Body has also been held in the campus of the University.
6. The University has already conducted as many as 22 examinations in connection with different Health Sciences course and is prepared to conduct more than 51 examinations in the year 2005.
7. The University has already developed meaningful IT system for conducting its activities as and when required. For this purpose, the Planning Commission (State Plan), Government of India has sanctioned an amount of Rs. 1.00 crore during 2004 for further development of IT Project of the University.
8. In fine, the University will always try to attain the highest standards of academic excellence by providing the physical infrastructure and creating an eclectic intellectual environment conducive to free flow of knowledge, ideas and meaningful exchange of information.

List of Colleges affiliated with the University

Sl. No.	Name of College / Institution	Subject	Intake Capacity
1.	Medical College, Kolkata	M.B.B.S.	155
2.	NRS Medical College, Kolkata	-do-	150
3.	R. G. Kar Medical College, Kolkata	-do-	150
4.	Calcutta National Medical College, Kolkata	-do-	155
5.	Institute of Postgraduate Medical Education & Research, Kolkata	-do-	100
6.	Burdwan Medical College, Burdwan	-do-	100
7.	Midnapore Medical College, Midnapore	-do-	100
8.	Bankura Sammilani M. College, Bankura	-do-	100
9.	North Bengal Medical College, Darjeeling	-do-	100

Total : 1110

List of Post Graduate Institution :

1.	Institute of Post Graduate Medical Education & Research, Kolkata
2.	Bangur Institute of Neurology, Kolkata
3.	School of Tropical Medicine, Kolkata
4.	Regional Institute of Ophthalmology, Kolkata

5.	Chittaranjan Seva Sadan Sishu Sadan & College of Obst. & Gynae., Kolkata		
6.	Institute of Child Health, Kolkata		
7.	All India Institute of Hygiene & Public Health, Kolkata		
8.	Beliaghata ID & BG Hospital, Kolkata		
9.	Vivekananda Institute of Medical Sciences, Kolkata		
Total Yearly Intake Capacity : 650			
Name of College / Institution		Subject	Intake Capacity
List of Dental College :			
Dr. R. Ahmed Dental College, Kolkata		BDS	50
North Bengal Dental College, Darjeeling		-do-	20
Gurunanak Institute of Dental College & Research, Panihati		-do-	100
		Total :	170
List of B. Pharm College :			
Institute of Pharmacy, Jalpaiguri		B. Pharm	60
List of Nursing College (B. Sc.) :			
W. B. Govt. College of Nursing		B. Sc. Nursing	30
B. M. Birla College of Nursing		-do-	20
		Total :	50
List of Nursing College (M. Sc.) :			
W. B. Govt. College of Nursing		M. Sc. Nursing	12
B. M. Birla College of Nursing		-do-	8
		Total :	20
List of Physiotherapy College :			
School of Physical Medicine, IPGME&R		B. Sc. Physiotherapy	30
National Inst. of Orthopaedically Handicapped, Kolkata		-do-	30
Nopany Institute of Healthcare Studies, Kolkata		-do-	30
MRCC College of Orthopaedics, Midnapore		-do-	40
Midnapore College of Physiotherapy		-do-	40
Durgapur Paramedical Institute		-do-	40

OTHER UNIVERSITIES

College of Paramedical Sciences, Haldia	-do-	40
Ali Yabar Jung National Institute of Hearing Handicapped, Kolkata	B.A.S.L.P.	20

Total : 270

List of Homoeopathy College :

Calcutta Homoeopathic Medical College & Hospital (GWB)	Homoeopathy	50
D. N. De Homoeopathic Medical College & Hospital (GWB)	-do-	50
Mahesh Bhattacharya Homoeopathic Medical College & Hospital (GWB)	-do-	50
Midnapore Homoeopathic Medical College & Hospital (GWB)	-do-	50
Metropolitan Homoeopathic Medical College & Hospital	-do-	50
National Institute of Homoeopathy	-do-	50
Pratap Chandra Memorial Homoeopathic Hospital & College	-do-	50
Netai Charan Chakraborty Homoeopathic Medical College & Hospital	-do-	50
Burdwan Homoeopathic Medical College & Hospital	-do-	50
Bengal Homoeopathic Medical College & Hospital	-do-	50
Kharagpur Homoeopathic Medical College & Hospital	-do-	50
Purulia Homoeopathic Medical College & Hospital	-do-	50
Birbhum Vivekananda Homoeopathic Medical College & Hospital	-do-	50
Total :		650

List of Ayurvedic College :

1. Institute of Post Graduate Ayurvedic Education & Research, Kolkata
2. J. B. Roy State Ayurvedic Medical College & Hospital, Kolkata
3. Rajib Gandhi Memorial Ayurvedic Medical College & Hospital, Fingapara, 24-Pgs.

List of Unani College :

1. Calcutta Unani Medical College.

6.1.6 RAMKRISHNA MISSION VIVEKANANDA EDUCATION AND RESEARCH INSTITUTE (RKMVERI) (DEEMED UNIVERSITY)

(Deemed University under UGC Act)

P.O. Belur Math, Dt. Howrah, Pin – 711202,

Telefax : 033-26549999; Mobile : 98302-16636

E-mail : rkmveri@gmail.com, atmapriyananda@gmail.com

Ramakrishna Mission Vivekananda Educational and Research Institute has been established as a self financing Deemed to be university, the first of its kind in West Bengal. This university under Ramakrishna Mission's aegis forms in a sense the actualization of Swami Vivekananda's vision about a university at Belur. Swami Vivekananda wanted a unique type of Educational Institute that would combine the best elements of the East and the West and impart such an education that would be character-building at the individual level and at the collective level help the enormous task of nation-building. The sincere efforts initiated by Ramakrishna Mission during Swami Vivekananda's birth centenary in 1963 culminated in the creation of a deemed university in 2005.

This new university bearing the name of Swami Vivekananda will focus on certain thrust areas which are generally the 'gap areas' in conventional universities in the country.

Some of these thrust areas are :

- (1) Disability Management and Special Education (that would train teachers to manage visually impaired, mentally retarded and hearing impaired children and adults through teacher-training courses and research),
- (2) Integrated Rural Development including Tribal Development (which would strive to achieve all round development for the rural and tribal people by imparting education in areas like integrated pest management, agro-based and appropriate bio-technology),
- (3) Disaster Management (including pre- and post-disaster management techniques),
- (4) Indian Cultural and Spiritual Heritage including Value Education (which would expose and sensitize our youth and adults to the eternal values enshrined in our heritage with a view to educating them in liberal, non- sectarian, non-dogmatic principles and doctrines conducive to peace, harmony, love, mutual respect and fellow-feeling).

While the central administrative office that would monitor and regulate the programmes will be situated in West Bengal at Belur Math in the district of Howrah, the university will operate and function in the matter of running the various courses etc through the different centres of Ramakrishna Mission spread over the country, all of them being under the regulatory control of Belur Math headquarters.

OTHER UNIVERSITIES

In addition to the above, the university has initiated research programmes in certain non-conventional areas like Ramakrishna-Vivekananda philosophy, Translation Studies, Vedanta vis-a-vis modern science, etc on the one hand, and in hard core fundamental sciences like theoretical physics, pure mathematics and theoretical computer science on the other.

6.2 CENTRAL UNIVERSITIES IN WEST BENGAL

6.2.1 VISVA-BHARATI

Santiniketan, Dist.-Birbhum, Pin-731235

Year of establishment : 1951 (as a Central University)

This institution was started by Maharshi Debendranath Tagore in the form of an 'ashrama' in 1863. Rabindranath Tagore started a 'Brahmacharya Ashrama' here in 1901. On December 23, 1921 Visva-Bharati became a registered public body with a constitution of its own. In May 1951 Visva-Bharati was declared to be a Central University and an Institution of National Importance. It conducts courses in arts, fine arts, science, agriculture, education, etc. It is also a centre for research on works and ideas of Rabindranath Tagore.

CHARACTER

A unitary teaching and residential university ;

Academic session—1 July to 30 June ;

Medium of instruction—Bengali (School). English (University) ;

Academic privileges to foreign students ;

Research fellowship programme for foreign students ;

Classes often held in open air ;

A centre for realising both the external and internal features of India and fusion of Oriental and Western cultures.

CURRICULUM

Originally a repudiation of the colonial system of education—an unconventional University with unconventional curriculum having joyful, artistic, creative expression in an environment of music, painting and dramatic performances in consonance with Nature.

FACULTIES AND INSTITUTIONS

Vidya Bhavana (Institute of Humanities)
 Siksha Bhavana (Institute of Science)
 Kala Bhavana (Institute of Fine Arts)
 Sangeet Bhavana (Institute of Music, Dance and Drama)
 Rabindra Bhavana (Institute of Tagore Studies, Museums and Archives)
 Vinay Bhavana (Institute of Education)
 Palli Sangathan Vibhaga (Institute of Rural Reconstruction)
 Palli Siksha Bhavana (Institute of Agricultural Science)
 Patha Bhavana (Institute of Secondary Education)
 Siksha Satra (Institute of Secondary Education)
 Uttar Siksha Sadana (Institute for Higher Secondary Education)
 Siksha Charcha, (Primary Teacher's Training Centre)
 Agro-Economic Research Centre.

VIDYA BHAVANA

B.A. (Hons.) – Three year.

Subjects : Ancient Indian History, Culture & Archaeology, Bengali, Economics, English, Geography, Hindi, History, Mathematics, Oriya, Philosophy, Comparative Religion and Sanskrit.
 Course in Tagore Studies (compulsory for all).

Chinese course — (Hons.) Four year.

M.A. — Two year.

Subjects : all B.A. (Hons.) Subjects, Chinese and Indo-Tibetan studies.

Two year Certificate Course

Subjects : Bengali, Santhali, Assamese, Oriya, Hindi, Tamil, Marathi ; Sanskrit, Pali, Arabic, Persian, Urdu, Chinese, Japanese, Tibetan, German, Russian, Italian and French.

One-Year Diploma Course

Subjects : Same as in Two-year certificate course.

One-Year Advanced Diploma Course

Subjects : Tibetan and Russian.

One-year Certificate Course for foreign casual students.

Ph.D. Programmes.

OTHER UNIVERSITIES

SIKSHA BHAVANA

B. Sc. (Hons)–Three year.

Subjects: Physics, Chemistry, Mathematics, Botany, Zoology and Bio-technology.

M.Sc. – Two year.

Subjects : all B.Sc. (Hons.) Subjects.

One-year Post-Graduate Diploma in Computer Science and Applications. Ph.D.

KALA BHAVANA

Five-year U.G. Courses (B. Fine Arts Degree) in Painting, Sculpture, Design, Graphic Art and History of Art.

Five-Year Diploma Courses (Dip. in Fine Arts and Crafts) in Painting, Sculpture, Graphic Art or Design.

Two-year P.G. Courses (M. Fine Arts) in Painting, Sculpture, Graphic Art and History of Art.

Two-year P. G. Courses (P.G. Dip.) in Painting, Sculpture and Graphic Art (Print making).

Two-year Certificate in Design.

One-year Foreign Casual Students' Course in Indian Art.

Ph.D.

SANGEET BHAVANA

Four-year U. G. Courses (B. Mus. Degree) in Rabindra Sangeet, Dance, Hindusthani Classical Music (Vocal) and Hindusthani Classical Music (Instrumental).

Four-year Diploma Courses in Music and Dance, Rabindra Sangeet, Hindusthani Classical Musical (Vocal and Instrumental).

Two- year P. G. Courses (M. Mus. Degree) in the same subjects as in (i).

Four-year Senior Certificate Courses in the same subjects as in (i).

Two- year part-time Courses in Hindusthani Classical (Vocal/Instrumental), Rabindra Sangeet, Manipuri Dance and Kathakali Dance.

One-year Foreign Student's course in the same subjects as in (i).

RABINDRA BHAVANA

Treasure-house of manuscripts of Rabindranath Tagore ; Papers of Tagore family ; a collection of Paintings and Sketches by the poet and a few others; a research centre for Tagore Studies.

VINAY BHAVANA

A Teachers' Training Centre.

B.Ed.-One year.

M.Ed.-One year.

Ph.D.

Extension service.

PALLI SIKSHA BHAVANA

B. Sc. (Ag.) in Agricultural Sciences – 4 year.

M. Sc. (Ag.) in Agricultural Sciences – 2 year.

Ph.D.

PALLI SANGATHANA VIBHAGA

B.S. W. – Three year.

M.S.W. – Two year.

Ph.D.

6.2.2 IGNOU (Indira Gandhi National Open University)**6.2.2.1 A NEW CONCEPT**

The concept of an open University is an important innovation of the last century. It aims to bring about revolutionary changes in the system of learning through DISTANCE EDUCATION.

The first open University ('The Open University') was established in England in 1969.

IGNOU was established by an Act of Parliament in 1985 to achieve the following objectives :

- To democratise higher education by taking it to the doorsteps of the students.
- To provide access to high quality education to all those who seek it irrespective of age, religion or formal qualification.
- To offer need-based academic programmes by giving professional and vocational orientation to the courses.
- To promote and develop DISTANCE EDUCATION.
- To set and maintain standards in DISTANCE EDUCATION in the country as an apex body.

6.2.2.2 DISTANCE EDUCATION AND OPEN LEARNING

Distance Education is often confused with Correspondence Education. The distinction between Correspondence Education and Distance Education lies in their aims, methods and orientation. Correspondence Education is an extension of conventional education. Distance Education aims at varied goals. These include personal growth, training for better job prospects and job enhancement, a change in attitude, etc., in addition to imparting knowledge. Distance Education allows learning at one's own pace and offers easy entry and exit points. It makes life-long learning a reality. Distance Education employs a multimedia learning package. It is characterised essentially by the advanced learning strategies effected by modern communication technology. Correspondence Education, on the other hand, depends mostly on printed materials distributed by post.

6.2.2.3 GOVERNANCE

The President of India is the Visitor of the University. The authorities of the University include the Board of Management, Academic Council, Planning Board, Finance Committee, etc.

6.2.2.4 INSTRUCTIONAL SYSTEM

The University follows the multimedia approach in imparting instruction. It comprises :

- Self-instructional printed course material packages.
- Assignments for assessment and feedback.
- Supporting audio-video programmes.
- Face-to-face interaction between the student and Academic Counsellors at Study Centres and Work Centres.
- Practicals at designated Institutions.
- Project Work in some programmes.
- Work related field project/functional assignments as per programme requirements.
- Telecast of video programmes on Doordarshan.
- Broadcast of audio programmes by All India Radio (Select Stations)
- Interactive Satellite Aided Communication Network (Teleconferencing)

6.2.2.5 STUDENT SUPPORT SERVICES

Support services are provided through a network of Study Centres scattered all over the country. Study Centres are the actual focal points where the learners receive regular information and learning support. Each Study Centre is provided with library, audio and video facilities for the students.

Senior and experienced academics and professionals are engaged in face-to-face counselling to further help them in the learning process. The Study Centres are generally located in existing educational institutions and normally function on holidays and Sundays and in the evening on working days. Each Study Centre is manned by part-time staff drawn from the host institution. To co-ordinate the functioning of Study Centres IGNOU has set up 19 Regional Centres in different parts of the country.

The IGNOU Regional Centre, Calcutta looks after the activities of the University in West Bengal. A list of Study Centres under Calcutta is given in the Appendix.

6.2.2.6 EVALUATION SYSTEM

IGNOU has a three-tier system of evaluation

(I) *Check Your Progress (self-assessment) :*

This is provided in study materials and is meant for self-assessment.

(II) *Assignments (continuous internal assessment) :*

This carries a weightage of 25% to 30%. There are two types of assignments.

- Computer Marked Assignment (CMA) and
- Tutor Marked Assignment (TMA). TMAs submitted at the Study Centre are returned to the students after evaluation with comments.

(III) *Term-End Examination (TEE) :*

This is the major component in the assessment as 70% to 75% weightage is given. University holds Term-End Examination twice a year (JUNE & DECEMBER).

6.2.2.7 STRIKING CHARACTERISTICS

- Relaxed entry regulations.
- Study according to one's pace and convenience.
- Flexibility in choosing the combination of courses from a wide range of disciplines.
- Study from one's own chosen place (during the course of study a student can change the opted Study Centre to any Centre anywhere in India except for certain exceptional cases).
- One may sit for Term-End Examinations generally anywhere in India and some select Centres abroad.
- Learners may also pursue their study in any other University while being a student of IGNOU.
- Cost effectiveness.

6.2.2.8 RECOGNITION

IGNOU is a Central University under the Ministry of Human Resources Development, Govt. of India. The Degrees, Diplomas, Certificates awarded by IGNOU are recognised by the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Deemed Universities/Institutions vide UGC Circular No : F1-8/92 (CPP) dated February, 1992.

The Directorate of Employment, Govt. of West Bengal has recognised the degrees/diplomas of IGNOU to be at par with the same of other Universities of the country in the matter of providing employment.

The Deptt. of School Education, H.S. Branch, Govt. of West Bengal has issued an Order No.187-SE(HS)/10M-3/97 dated 22nd August, 1997 by strength of which degrees/diplomas offered by IGNOU are acceptable for the purpose of further studies of teachers' training and employment in Schools of West Bengal.

6.3 INSTITUTES OF IMPORTANCE

6.3.1 INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, MIDNAPORE

Main Campus at Kharagpur,

Dist. West Midnapore, Pin-721302

IIT, Kharagpur, is the first of the chain of five IITs, established after Independence to produce scientists and technologists of the highest calibre and to provide leadership in the field of technological education and research. The other IITs as Institutes of National Importance, are situated in Delhi, Bombay, Madras, Kanpur and Guwahati. IIT Kharagpur conducts programmes leading to B.Tech (Hons.) B. Arch. (Hons) integrated M.Sc., Dual Degree, M.Tech MCP, MBM, MMST, MS Degrees and Ph.D. degrees. The Institute also offers PG Diploma Programmes in Information Technology (PGDIT), Maritime Operation and Management (PGDMOM) and Business Management (PGDBM), at its extension Centres at Kolkata and Bhubaneswar, besides STEP, IIT KHARAGPUR using distance-cum-contact (Hybrid) mode of instruction.

NO. OF DEPARTMENT / CENTRES / SCHOOLS — 28

No. of Department / Centre / School offering the course	Course	Duration
16	(i) B. Tech. (Hons.)	8 Semester
01	(ii) B. Arch. (Hons.)	10 Semester
05	(iii) Integrated M. Sc.	10 Semester
05	(iv) M. Sc. (2 – Year)	04 Semester
15	(v) Dual Degree (leading to B. Tech. & M. Tech Degrees)	10 Semester
28	(vi) M. Tech. / MCP / MBM / MS	04 Semester
01	(vii) Medical Science & Technology (MMST)	06 Semester
02	(viii) Post Graduate Diploma in Information Technology (PGDIT), Post Graduate Diploma in Maritime Operation and Management (PGDMOM)	02 Semester
01	(ix) Post Graduate Diploma in Business Management (PGDBM)	04 Semester
28	(x) Doctor of Philosophy (Ph. D)	16 Semester

COURSES

Department / Centre	B. Tech.	M. Tech. / M. S. / Ph. D.
Aerospace Engineering	Aerospace Engineering	Aerospace Engineering
Agricultural & Food Engg.	Agricultural & Food Engg.	<ul style="list-style-type: none"> ● Farm Machinery & Power ● Soil & Water Conservation Engg. ● Dairy & Food Engineering ● Applied Botany ● Water Resource Development & Management ● Aquacultural Engineering ● Agricultural Systems & Management ● Post Harvest Engg.
Architecture & Regional Planning	Architecture	<ul style="list-style-type: none"> ● City Planning
Chemical Engineering	Chemical Engineering	<ul style="list-style-type: none"> ● Chemical Engineering
Bio-technology	Bio-technology & Biochemical & Engineering	<ul style="list-style-type: none"> ● Biotechnology & Biochemical Engineering
Chemistry	Industrial Chemistry (M. Sc.) Chemistry (M. Sc. - 2 Year)	<ul style="list-style-type: none"> ● Chemistry ● Chemistry
Civil Engineering	Civil Engineering <ul style="list-style-type: none"> ● Structural Engg. 	<ul style="list-style-type: none"> ● Water Resource Engineering ● Transportation Engineering ● Environmental Engineering & Management ● Geotechnical Engineering ● Structural Engineering
Cryogenic Engineering	—	<ul style="list-style-type: none"> ● Cryogenic Engineering
Computer Science & Engineering	Computer Science & Engineering <ul style="list-style-type: none"> ● Computer Science & Information Technology 	<ul style="list-style-type: none"> ● Computer Science & Engineering
Electrical Engineering	Electrical Engineering	<ul style="list-style-type: none"> ● Machine Drives & Power Electronics ● Control System Engineering ● Power System Engineering ● Instrumentation
	● Instrumentation Engineering	
	Energy Engineering	
	Instrumentation Engineering	

Electronics & Electrical Communication Engineering	Electronics & Electrical Communication Engineering ● Automation and Computer Vision	<ul style="list-style-type: none"> ● Automation and Computer Vision ● Computer Engineering ● Fibre Optics & Lightwave Engineering ● Microelectronics and VLSI Design ● Radio Frequency and Microwave Engg. ● Telecommunication Systems Engg.
Humanities & Social Science	—	<ul style="list-style-type: none"> ● Human Resource Dev. & Management
Industrial Engineering & Management	Industrial Engineering ● Industrial Engineering & Management	<ul style="list-style-type: none"> ● Industrial Engineering & Management
Materials Science	—	<ul style="list-style-type: none"> ● Materials Science & Engineering
Geology & Geophysics	Exploration Geophysics (M. Sc.) Geological Sciences (M. Sc. - 2 Year) Applied Geology (M.Sc.) Geophysics (M. Sc. - 2 Year)	<ul style="list-style-type: none"> ● Earth & Environmental Sciences
Mathematics	Mathematics & Computing (M.Sc.) Mathematics (M. Sc.- 2 Year)	<ul style="list-style-type: none"> ● Computer Science & Data Processing
Mechanical Engineering	Mechanical Engineering ● Manufacturing System and Engg. ● Thermal, Energy & Environmental Engg. Manufacturing Sc. & Engg. ● Industrial Engineering and Management	<ul style="list-style-type: none"> ● Manufacturing Process Engineering ● Thermal, Energy & Environmental Engg. ● Mechanical Systems Design ● Manufacturing Systems Engineering ● Mechanical Handling & Automation ● Precision & Quality Engineering ● Mechanical Systems, Dynamics and Control

OTHER UNIVERSITIES

Metallurgical & Material Engg.	Metallurgical & Material Engg ● Metallurgical Engineering	● Metallurgical & Material Engineering
Mining Engineering	Mining Engineering	● Mining Engineering
Ocean Engg. & Naval Architecture	Ocean Engg. & Naval Architecture ● Ocean Engineering	● Ocean Engg. & Naval Architecture ● Maritime Operation and Management
Physics & Meteorology	● Physics (M.Sc.) ● Physics (M.Sc.-2 Year)	● Atmospheric Science & Technology ● Solid State Technology
Rubber Technology	—	● Rubber Technology
Rural Development	—	● Research Programmes
Centre for Educational Technology	—	● Research Programmes
Post Harvest Technology Centre	—	—
Reliability Engineering Centre	—	● Reliability Engineering
School of Medical Science and Technology	—	● Medical Science and Technology ● Research Programmes
School of Information Technology	—	● Information Technology ● MS and Research Programmes
Vinod Gupta School of Management	—	● Business Management ● Research Programmes
G. S. Sanyal School of Telecommunication	—	● MS and Research Programmes

SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, IIT KHARAGPUR

SRIC Activities :

- Sponsored R & D Projects
- Consultancy Projects
- Institute-industry interaction
- Foreign Collaboration
- MOUs / Turn-Key Projects
- IPR and Technology Transfer
- Seminars / Conference / Workshops

ON GOING PROJECTS (Last Five Years)

	Number	Values (Rs. In Crore)
Sponsored	452	129.98
Consultancy	696	93.48
TOTAL	1148	223.46

6.3.2 NATIONAL INSTITUTE OF TECHNOLOGY

Durgapur

The Regional Engineering College Durgapur predecessor of National Institute of Technology was established by an Act of Parliament in 1970 as one of the eight such colleges aimed to function as a pace setter for engineering education in the country and to foster national integration. It was a joint venture of the Govt. of India and Govt. of West Bengal and was administered by an autonomous Board of Governors.

By virtue of the policy decision the Ministry of Human Resource Development Govt of India, Regional Engineering College, Durgapur has been upgraded to National Institute of Technology along with a few other Regional Engineering colleges in the country from 2003-2004. Entire financial responsibilities for the maintenance of National Institute of Technology, Durgapur has been taken over by M H R D, Govt of India and admission to the courses run by the institute are now through A I E E E

OTHER UNIVERSITIES

COURSES CONDUCTED AT N.I.T., DURGAPUR

Undergraduate Courses :

	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	Total
Chemical Engineering	30											30
Civil Engineering	30											30
Computer Science & Engineering	30						30					60
Electrical Engineering	60											60
Electronics & Communication Engineering	30						30					60
Information Technology							60					60
Mechanical Engineering	90											90
Metallurgical Engineering	40											40
Institution Total (Year wise)	310						120					430

The Institute offers courses of study leading to a M.Tech. Degree in the following disciplines:

Discipline	Sanctioned Intake	N.I.T. (DU - Status)
Chemical Engineering	15	
Civil Engineering (Structural Engg.)	15	
Computer Science & Engineering (Information Technology)	18	
Elec. & Comm. Engg. (Telecommunication Engg.)	18	
Electrical Engineering (Industrial Electrical System)	15	
Mechanical Engineering (Design & Production Engineering)	15	
Metallurgical Engineering (Physical Metallurgy)	19	
Master of Business Admn. (MBA)	60	
Master of Computer Application (MCA)	60	

6.3.3 INDIAN STATISTICAL INSTITUTE

203, B. T. Road, Kolkata-700 035.

The Indian Statistical Institute is one of the leading academic institutions in the world. It has a long and proud tradition of excellence in training, teaching and research in a number of academic disciplines including statistics, mathematics, computer science, economics, biology, geology, physics and social science. It attracts some of the brightest minds from all over India, and its alumni have made outstanding contributions to academics, governance and industry.

ACADEMIC PROGRAMMES

DEGREE :

Programme	Duration	Venue
B.Stat.(Hons.)	3 years	Kolkata
B. Math (Hons.)	3 years	Bangalore
M. Stat. (S-stream N-stream)	2 years	Kolkata, Delhi, Bangalore
M. Math	2 years	Kolkata*, Bangalore
M.S. in Quantitative Economics	2 years	Kolkata, Delhi*
M. Tech. in Computer Science	2 years	Kolkata
M. Tech. in Quality, Reliability and Operations Research	2 years	Kolkata

* These courses are not being offered in the indicated Centres during the academic year 2005-2006.

DIPLOMA :

Programme	Duration	Venue
Certificate/Diploma course in Computer Programming & Application	1+1 years	Kolkata
Part-time Certificate/Diploma course in SQC and OR	1+1 years	Mumbai, Chennai

OTHER UNIVERSITIES

DIPLOMA :

Programme	Duration	Venue
Part-time course in Statistical Method and Applications	1 years	Kolkata, Delhi, Hyderabad
Part-time course in SQC	6 months	Bangalore, Hyderabad
Intensive course in Programming and Application of Electronic Computers	10 weeks	Kolkata

6.3.4 INDIAN INSTITUTE OF MANAGEMENT (IIM) - KOLKATA

Diamond Harbour Road, Joka-700104

Kolkata (Calcutta), West Bengal, India

Phone: 91-33-2467-8300/8301/8302

Fax : 91-33-2282-1498

Website : <http://www.iimcal.ac.in>

The Indian Institute of Management, Calcutta was established in 1961 - India's first national institute of management for post-graduate studies and research in management. Established in collaboration with the Alfred P Sloan School of Management, Ford Foundation, the Indian business community, the Government of India and the Government of West Bengal, a substantial part of the annual capital and revenue expenses of the Institute are provided for by the Government of India.

FACTS

- IIM Calcutta started functioning from Emerald Bower, Barrackpur Trunk Road. In those days the Institute was endowed with such eminent academicians as Douglas McGregor, Miles Kennedy, Ravi Mathai, Ashok Mitra, Barun De, Kamini Adhikary, Eshwar Dayal, Warren Bennis, Jati K. Sengupta & Gouranga Chattopadhyay.
- In 1975, The institute moved to its own sprawling 135-acre campus at Joka, on the outskirts of Calcutta.

The foundation stone of the Joka campus was laid by Sri Morarji Desai, the then Dy. Prime Minister of India on Dec 15, 1968. The Institute moved to its present campus in 1975.

CURRICULUM

- IIMC offers a wide range of courses for the aspiring business graduate to choose from. Apart from the **Postgraduate Diploma in Management(PGDM)**, a course ranked among the top 10 in Asia, IIMC was the first in the country to introduce a **Postgraduate Diploma In Computer Aided Management(PGDCM)** to cater to the burgeoning specific managerial need of the IT industry. For those seeking a research oriented education, IIMC offers the **Fellow Programme**.
- IIMC also offers a part time **Postgraduate Diploma in Business Management(PGDBM)** for working managers with relevant work experience. In addition to numerous consultancy services, IIMC also offers the industry an opportunity to utilise its extensive resources for managerial training and development through the numerous Management Development Programmes(MDP) that IIMC conducts regularly.
- **Postgraduate Diploma in Management, IIM Calcutta**
The course enjoys a two-tier structure. The first year is committed to developing business fundamentals through compulsory courses spanning the areas of economics, finance, marketing, operations, systems and behavioural sciences. The second year offers a slew of optional.
- **Postgraduate Diploma in Computer-Aided Management, IIM Calcutta**
Hundreds of dot coms get registered from India every year. Recognising the need for a specialised course that can make an individual the manager, the entrepreneur with the e-touch, the PGDCM course at IIM Calcutta is already in its 6th year. The focus is on IT, clearly. The course does not compromise on any of the fundamentals of the classical PGDM program. The electives and the core courses are designed to make students all ready to tackle on challenges in the area of information technology.
- **Fellow Programme, IIM Calcutta**
The Fellow Programme of the Indian Institute of Management Calcutta is a full-time doctoral level programme in different fields of Management as well as in various disciplines and areas related to Management.
- **Postgraduate Diploma in Business Management, IIM Calcutta**
Through an upgradation of its earlier 2-Year Evening Postgraduate Certificate Programme in General Management (PGCGM) offered since 1981, IIMC launched this 3-Year Part Time

Evening Postgraduate Diploma in Business Management (PGDBM) Programme in 1994 as one of its major initiatives. The PGDBM Programme is recognised by the All India Council of Technical Education (AICTE) and enjoys equivalence to an MBA degree of Indian Universities.

The Institute's concern for conducting this Evening Programme in Business Management emerged from the appreciation of a responsibility to offer a quality management education to the young practising and in-service executives of organisations in and around Calcutta.

Through this programme, IIMC facilitates a process for the students to integrate their real-life work experiences with the conceptual and analytical foundations and development in management disciplines. The focus of this Programme is to inculcate among the students such perceptions, knowledge, skills and abilities that would enable them to become effective managers in the modern business processes and to assume higher levels of managerial responsibilities.

● **MANAGEMENT DEVELOPMENT PROGRAMMES, IIM-C**

MDPs are short-term residential courses for senior management personnel. People eligible to apply for the MDPs are General Managers and Heads of Marketing/Strategic Business Unit Heads / Senior and Middle level managers in Sales, Product and Brand Management and Corporate Planning. The teaching method will be participative, using case studies, group exercises and concept discussions.

The programme seeks to address the corporate need by developing strategic managers. It would enhance the strategic thinking, i.e. cross functional, holistic, and future oriented thinking ability of the participants in relation to the overall corporate objectives and the emerging company environment. By attending the programme participants will be equipped with various concepts, tools, and techniques to think and act strategically in a highly dynamic environment working at any level and at any function in the organisation. Management Development Programmes organised by IIM-Calcutta include:

MDP on Future Markets

MDP on The Strategic Management

MDP on Strategic Analysis, Planning and Posture

MDP on Total Productive Maintenance

MDP on Ethics in Business

MDP on Supply Chain Management

- **ADVANCED MANAGEMENT PROGRAMME**

Indian Institute of Management Calcutta has a long tradition of offering the prestigious Advanced Management Programme (AMP) for senior executives of Public Sector Enterprises in collaboration with the Department of Public Enterprises (DPE), Ministry of Industry, Government of India. For more than a decade, a large number of senior managers have benefited from participating in this programme. Since last year the institute has opened up the programme to senior decision-makers of the Public as well as the Private sector.

6.3.5 SAHA INSTITUTE OF NUCLEAR PHYSICS

BL-AF, Sector I, Salt Lake, Kolkata-91 (Phone : 2350-2344/337-0379)

Saha Institute was established in 1951 in memory of Late Dr. Meghnad Saha, one of the greatest Indian Scientists.

Major areas of research :

High energy Physics: Quantum field theory, Standard model and beyond, string theory, Cosmology and early universe. Phenomenology of heavy hadron physics. Plasma physics: Experimental research with Tokamak, Condensed matter Physics : High-Tc super conductors thin films, magnetic properties of solids, NMR studies, surface Physics :

Crystallography and Molecular Biology study of protein Molecules.

6.3.6 ASIATIC SOCIETY

Park Street, Kolkata (Phone : 229-0779)

The Asiatic Society, Calcutta was founded in 1784 by Sir William Jones (1746-1794), eminent Indologist, with the objective of inquiring into the history, science, arts and literature of Asia. This institution proved to be the inspiration behind all literary and scientific activities in the country. Three main activities of the Society concerning the scientific pursuit of the knowledge are (i) Library services (ii) Academic activities and (iii) Publications.

Library :

The Library of the Asiatic Society is one of the oldest learned institutions in Asia. The holding numbering more than 2,50,000 volumes comprises, among others, a vast treasure of rare books, journals and other printed materials on Asiatic Arts and Sciences. A vast collection of old volumes of journals are preserved at the Metcalfe Hall at 12 Strand Road, Kolkata. Exhibition and display of books in connection with seminars are regular activities of the Library.

OTHER UNIVERSITIES

Resource sharing with other Institutions :

The following deserve special mention :

1. INSDOC
2. Indian Association for Cultivation of Science.
3. State Gazetteers office, Govt. of West Bengal.
4. Paschim Banga Bangla Academy.
5. National Council of Science Museum.
6. National Library.
7. Bangiya Sahitya Parisad.
8. Indian Museum.

Museum Section

The Museum of the Society possesses the priceless and unique collection of Manuscripts and Archival documents both in English and Russian, Rare printed Books, Lithographs, Paintings, Busts, Photograph-print, Coins, and Copper-Plate-Inscriptions etc.

Publications

During the year 3 publications have been performed with two awaiting publication.

Exhibition

Several exhibitions of Rare Illuminated Manuscripts & other materials were organized in the Museum of the Society on the occasion of Visit of different distinguished visitors.

Visitors

639 Indian and 63 Foreign visitors from different countries of the world visited the Museum.

Reprography Section

The Reprography Section of the Society, is dealing to the work of making Xerox copies from Books for Reader Service and supplied to various Readers/Scholars of India and Abroad, and documents for official purpose.

Conservation Section

The Conservation Laboratory meant for the preservation and restoration of the Library and Museum materials has performed the following tasks in preserving and restoring manuscripts, rare books and other objects kept in the Museum and Library of the Society.

Publication Section

The Asiatic Society is known to the world of learning mostly because of its publications of high academic standard. The Society has been publishing original and outstanding books periodicals and Booklets which have been able to draw the attention of academic world.

Academic Section

Research works of Fellows with Scholar Supervisors for different projects including outside projects sponsored by the Society deserve mention. Lectures, Seminar, Symposia, Workshops and Training Programme were also held by the Society as a significant part of its academic activities.

6.3.7 BOSE INSTITUTE

P1/12, Acharya Prafulla Chandra Road, Kolkata-700 009

The Bose Institute was founded by Acharya Sir Jagadish Chandra Bose in 1917 for the advancement of science and dissemination of knowledge. The Institute has served the nation for the past 85 years through its pursuit of advancement of knowledge in science and technology. There are departments of Biochemistry, Biophysics, Botany, Microbiology, Chemistry and Physics and the research sections on Animal Physiology, Environmental Science, Immunotechnology and Plant Molecular & Cellular Genetics. In addition, there are support and service centres like RSIC, DIC, Library, Workshop etc.

Research Activities

The research programmes of the Biochemistry Department include studies for the basic understanding of gene expression in plants and bacteria, plant and animal biotechnology, yeast and parasite molecular biology, structure-activity relationship proteins and structural biology.

The major theme of the Biophysics Department is structure, function and dynamics of biomolecules. The research interests are mainly focused on proteins, nucleic acids and small pharmacologically active compounds.

The major research goal of Botany Department established in 1917 is to improve crop productivity using conventional and modern techniques, where genes with elite characters particularly those endowed with biotic and abiotic stress tolerance are identified and located in wild relatives, with an objective to incorporate those in cultigens of rice, Brassica, Beta and Chenopodium using breeding, tissue culture and genetic engineering techniques.

OTHER UNIVERSITIES

The programmes of the Chemistry Department are centred around studies on biomolecules. The major objective is to understand the chemical and biochemical nature of these molecules and gain information about their roles in biological processes.

The research activities of the Microbiology Department address mainly the problems in the areas of parasitic and bacterial infections, drug design, detoxification, plant-microbe and mineral-microbe interactions.

The Physics Department is one of the oldest departments in the Institute, as the founder himself was a physicist. The main objective of this department is to improve our understanding of the basic laws of nature, in the realm of both macro and micro worlds.

The Research Section on Animal Physiology was established in 1930 with the objective of understanding basic amphibian, piscine and invertebrate physiology, reproductive physiology, drug research and nutrition.

The section on Environmental Sciences created in 1992 mainly deals with studies on Air, Noise, Water, Land and Biological environment and provide consultancy services to Industries. The section extends consultancy work on Quality Control, Monitoring and Control and Environmental Pollution at the local and national level.

The Immunotechnology section was created in 1992. Newly introduced programmes include an effort to understand phage induced modifications and inactivation of host aminoacyl tRNA synthetase, and a study of white spot syndrome associated baculovirus affecting shrimp aquaculture in India.

The Plant Molecular & Cellular Genetics section was established in 1989 with the objective of studying basic and applied aspects of plant processes through modern molecular approaches.

6.3.8 INDIAN INSTITUTE OF CHEMICAL BIOLOGY

4, Raja S. C. Mullick Road, Kolkata-700 032

(Established in the year 1935)

The Indian Institute of Chemical Biology has always focussed basic research in Bio-Medical science. Over the years, it has endeavoured to attain excellence in basic biological research and to focus attention on applied research.

MAIN AREAS OF ACTIVITY :

Leishmaniasis, Vibrio Cholerae, Developmental Neurobiology and Neurological Disorders, Cell Biology, Reproductive Biology, Chemistry of Bio-active Substances, Immunobiology and Immunochemistry, Protein Engineering and Structural Biology, Bio-technology, Theoretical Biology and Modelling of Bio-systems, Drug Designing and Molecular modelling.

AIMS AND OBJECTIVES

- Understanding the molecular basis of pathogenicity of parasitic and bacterial diseases of national importance. Development of early diagnostic methods and immunoprophylactic measures.
- Investigation of the role of thyroid hormones in brain development. Mechanisms of genesis of the features of Parkinson's disease and clinical studies of early diagnosis of the disease as also monitoring of drug therapy.
- Identification and characterization of bioactive materials from natural sources synthesis of new molecules and exploration of their usefulness as potential drugs.
- Mapping of small genomes and sequencing.
- Studies on human genetics of the Indian subcontinent. Identification of disease genes and gene therapy.
- Development of radiopharmaceuticals for diagnosis of different functional disorders.
- Development of diagnostic kits for determination of hormonal disorders.
- Understanding the molecular mechanisms of cellular regulation in gastric hyperacidity and ulceration, muscular dystrophy and related abnormalities.

6.3.9 SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES

Block JD, Sector III, Salt Lake, Kolkata - 700 091.

The Satyendra Nath Bose National Centre For Basic Sciences was established in 1986 to foster the growth of advanced studies in selected branches of basic sciences and to conduct original researches in theoretical and mathematical sciences and other basic sciences in frontier areas including challenging theoretical studies of future application and to train young scientists for basic researches.

OTHER UNIVERSITIES

Main Programmes are :

Theoretical Physics, Applied Mathematics, Mathematical Modeling and Theoretical Chemistry. This centre has been maintaining an excellent standard in research activities, conducting various seminars and collaborating programmes with different universities in and outside the country.

Some of the research projects undertaken :

Electronic structure of random alloys, Nuclear Fission and Nuclear structure calculation, Probing the foundation of Quantum Theory, High-Tc Super conductors-effects of radiation damage, Liquid Crystals, Statistical mechanics-theory of sand piles and aggregates.

CHAPTER – 7

COLLEGES

7.1 *General Information on Govt. and Non-Govt. Colleges*

7.2 *Games and Sports in Colleges*

7.3 *Hostel Facilities in Colleges*

7.4 *Some Salient Features of Colleges*

CHAPTER – 7

COLLEGES

7.1 GENERAL INFORMATION ON GOVERNMENT AND NON-GOVERNMENT COLLEGES:

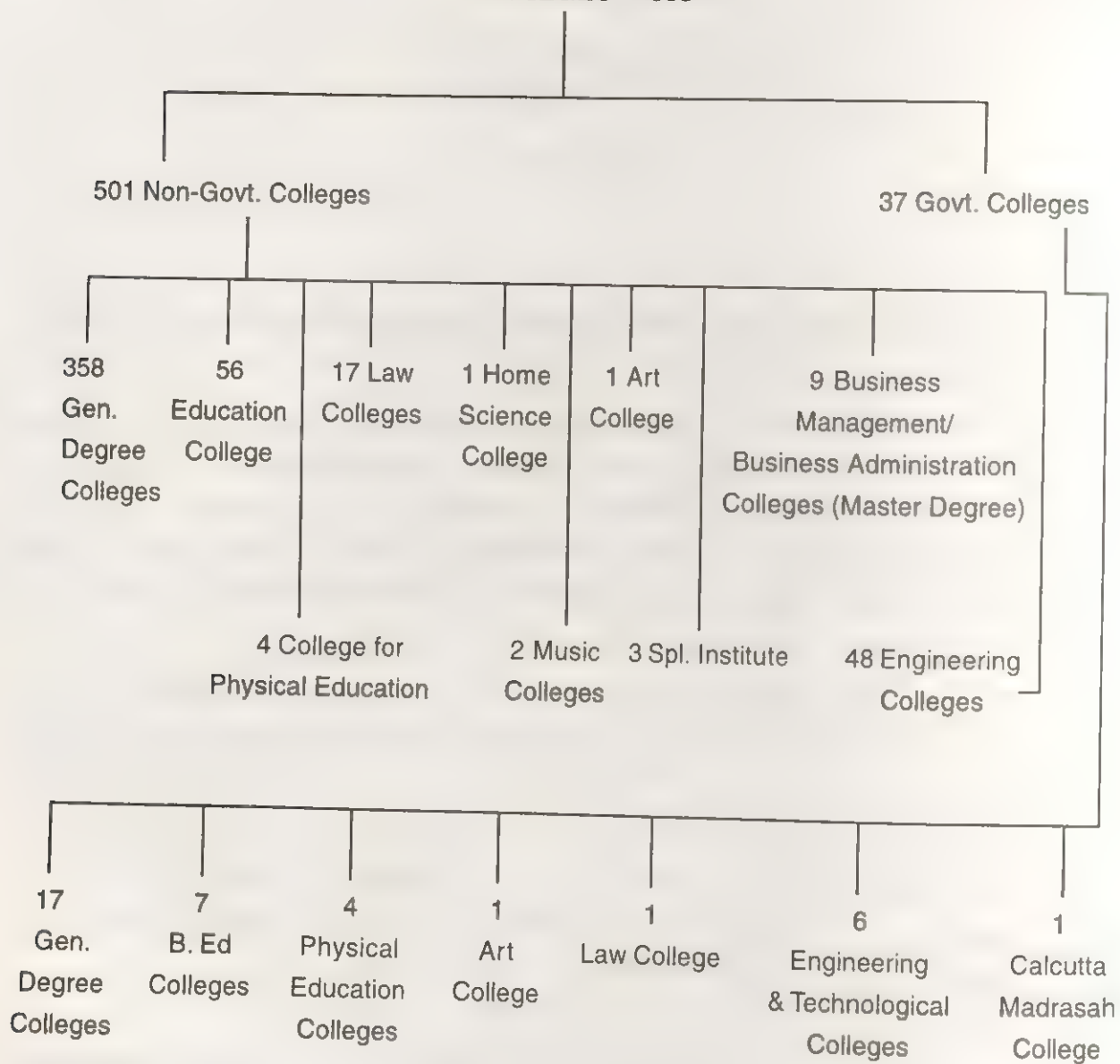
There are, different categories of Colleges in West Bengal like Govt. colleges, non Govt. colleges under pay packet scheme and private self financing colleges under the administrative jurisdiction of the Higher Education Department. They include General Degree Colleges and professional colleges like Law Colleges, Teachers' Training Colleges, Management colleges and Engineering & Technical Colleges etc. Districtwise distribution of various category of colleges has been shown here.

General Degree Colleges in this State are under two broad categories—(i) Government Colleges and (ii) Non-Government Colleges. Self financing private colleges have also been set up in this area.

Government Colleges are directly controlled by the State Government. The entire expenditure for these Colleges are borne by the Higher Education Department. The teaching and non-teaching staff of these Colleges are Government employees.

The Non-Government Degree Colleges are also financed by the Higher Education Department almost entirely. In 1978, the PAY PACKET SCHEME was introduced for payment of salary of teaching and non-teaching employees of the Colleges under the West Bengal Colleges (Payment of Salaries) Act, 1978. All Non-Government degree colleges (including erstwhile sponsored colleges) receive salary under this scheme. Recently the State Govt. has allowed a few autonomous non profit making societies/trusts to set up a few private colleges on self financing basis. The General Degree Colleges have a wide variety in enrolment, subjects offered and in educational achievements.

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Districtwise distribution of colleges with Honours teaching facility is shown in the Table below.

District	No. of Gen. Degree Colleges (Govt. & Non-Govt.)	No. of Colleges with Hons. teaching facility
Bankura	15	12
Burdwan	27	25
Birbhum	13	10
Calcutta	68	66
Coochbehar	11	09
Darjeeling	17	13
Hooghly	25	24
Howrah	17	16
Jalpaiguri	12	09
Malda	09	08
Midnapore (East)	15	15
Midnapore (West)	20	18
Murshidabad	19	17
Nadia	15	15
North Dinajpur	06	04
North 24-Parganas	41	36
Purulia	11	11
South Dinajpur	04	04
South 24-Parganas	30	19
Total :	375	331

The Department feels that Honours teaching facility should be evenly distributed in the districts amongst various subjects in Arts, Science and Commerce Groups. Efforts are being made to move in that direction.

In the case of extension of affiliation to new subjects in the existing colleges, the infrastructure of the particular college, its teaching strength, academic record as evidenced by examination results, location, area served, etc. are taken into consideration. Special importance is also given for according affiliation to new subjects in colleges, which have a higher SC/ ST student population. A number of Govt. and Non-Govt. Colleges have been given extension of affiliation in respect of new subjects during 2005-2006. Some colleges have more than one shift on account of student population.

SHIFT SYSTEMS IN COLLEGES

Chilmark College, Chilmark	M, D, E
East Aqueduct Regional High School, Guilford	M, D, E
Greenwich High School, Greenwich	M, D
New Bedford High School, New Bedford	D, E
North Attleboro Regional Vocational College, North Attleboro	D
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro (H.P.F.)	D, E
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	D, E
North Attleboro Regional College, North Attleboro	M, D
North Attleboro Regional College, North Attleboro	M, D, E
North Attleboro Regional College, North Attleboro	D, E

(continued)

and 40 per cent of colleges in West Bengal are colleges have the facility for science teaching (physical and) or business and the science teaching colleges are however not evenly distributed throughout the districts. The following table will show percentage of distribution of colleges with science teaching facility in the districts.

COLLEGES WITH SCIENCE TEACHING FACILITY

District	Total No. of colleges (Science Colleges)	Colleges with science teaching facility	Percentage of science teaching colleges to General Science Colleges	Percentage of science teaching colleges to the total no. of science teaching Colleges in the State
Burdwan	18	37	68.7	2.72
Calcutta	23	25	81.3	5.56
East Medinipur	43	26	61.0	3.11
Howrah	60	46	62.5	17.98
Durgam Cherai	11	36	64.5	2.33
Durgam Chery	17	37	41.2	2.72
Hooghly	25	28	40.3	7.78
Howrah	17	17	70.6	4.67
Malda	12	38	58.5	3.72
Medinipur	39	46	64.8	3.33
Medinipur (North)	15	11	73.3	4.00
Medinipur (South)	24	16	66.6	4.25
Medinipur (East)	19	11	57.8	4.29
South	18	39	66.6	6.00
North Durgam	36	34	66.7	7.59
North Durgam (East)	41	34	62.6	13.23
Patna	15	37	43.6	2.72
South Durgam	34	31	76.0	1.11
South Durgam (East)	30	21	70.0	6.11
Total	375	257	68.5	100.00

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Most of the sciences teaching colleges teach physical sciences (Physics/Chemistry). Life Sciences (Botany/Zoology/Physiology) are taught in a much lesser number of colleges. Subjects like Statistics, Geology, Computer Science, Electronics, etc. are taught in a limited number of colleges although there is a great demand for those subjects. In view of the above, the Higher Education Department has been granting affiliation for Computer Science and Electronics in several colleges at both the general and the honours level.

It may be noted from the following table that only 207 colleges offer teaching in Commerce. As regards districtwise distribution of these colleges, the percentage is high (i.e. more than 60%) in only 6 districts, namely, Howrah, Hooghly, Burdwan, Birbhum, Nadia and South 24 Parganas.

Number & percentage of Colleges in districts offering facility in commerce teaching

District	Number of General Degree Colleges	No. of Colleges offering Commerce teaching facility	Percentage
Bankura	15	07	46.67
Burdwan	27	18	66.67
Birbhum	13	08	61.54
Calcutta	68	37	54.41
Coochbehar	11	04	36.36
Darjeeling	17	06	35.29
Hooghly	25	18	72.00
Howrah	17	15	88.24
Jalpaiguri	12	04	33.33
Malda	09	03	33.33
Midnapore East	15	9	60.00
Midnapore West	20	10	50.00
Murshidabad	19	08	42.11
Nadia	15	11	73.33
North Dinajpur	06	03	50.00
North 24-Parganas	41	18	43.90
Purulia	11	06	54.55
South Dinajpur	04	02	50.00
South 24-Parganas	30	20	66.67
Total	375	207	57.98

GIRLS' COLLEGE

The principle of equity demands expansion and promotion of girls' education. The distribution of girls' Colleges is shown below :

Number of Girls' Colleges in districts with Hostel facility

District	Number of Girls' General Degree Colleges	College with Hostel facility
Bankura	01	01
Burdwan	04	04
Birbhum	00	00
Calcutta	46	12
Coochbehar	01	00
Darjeeling	03	00
Hooghly	04	01
Howrah	01	00
Jalpaiguri	01	01
Malda	01	01
Midnapore	02	02
Murshidabad	01	01
Nadia	01	01
North Dinajpur	00	00
North 24-Parganas	06	02
Purulia	01	01
South Dinajpur	01	01
South 24-Parganas	02	00
Total :	76	28

There are girls' colleges in all districts except Birbhum and North Dinajpur. The oldest Girls' College in the State is Bethune College, which was established in 1879. Besides the above-mentioned colleges, there are some professional colleges (Teachers' Training / Fine Arts/ Home Science etc.) which are meant for girls' students only. There are some co-education colleges with facility of Girls' Hostel.

COLLEGES

7.2 GAMES AND SPORTS IN COLLEGES

FACILITIES

Although games and sports are not included in regular curricular programme of General Degree Colleges, the Government encourages these activities in various ways. There are posts of Physical Instructor/ Physical Instructress in all Government Colleges and in some Non-Government Colleges. They are entrusted with the responsibility of organising games and sports in respective colleges. Grants are released to colleges for purchase of equipment for games and sports.

GOVERNMENT COLLEGES

Most of the Govt. Colleges have playgrounds within or outside. The students of the colleges are encouraged to participate in games and sports. An INTER-GOVT. COLLEGE ATHLETIC MEET is held every year.

NON-GOVERNMENT COLLEGES

The picture of the non-Govt. colleges is slightly different. It is understood from available data that 105 colleges have playground attached to those colleges, while 25 colleges have playground outside the campus. But the playgrounds of most of those colleges are not spacious enough for popular games like football or cricket. Like Govt. Colleges, inter non-Govt. College athletic meet and Football competition is organised by the Directorate of Physical Education annually.

7.3 HOSTEL FACILITIES IN COLLEGES

All the Government Engineering and Technological Colleges have hostel facility. All the Govt. Teachers' Training Colleges, excepting one, also have this facility. Amongst the Govt. General Degree Colleges, however, only ten colleges have hostels. Amongst the non-Govt. (General Degree and Teachers' Training) colleges, ninety three colleges offer this facility. The number of non-Govt. colleges in each district having hostel facility is shown below :

NUMBER OF COLLEGES IN DISTRICTS OFFERING HOSTEL FACILITY

District	No. of Govt. Colleges with approved Hostel facility			No. of Non-Govt. Colleges with approved Hostel facility		
	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
Bankura	—	—	—	05	01	06
Burdwan	—	—	—	03	03	06
Birbhum	—	—	—	06	—	06
Calcutta	03	02	05	07	04	11
Coochbehar	01	01	02	—	—	—
Darjeeling	—	01	01	—	—	—
Hooghly	02	02	04	08	02	10
Howrah	—	—	—	02	—	02
Jalpaiguri	—	—	—	02	—	02
Malda	01	—	01	01	01	02
Midnapore (East)	—	—	—	04	01	05
Midnapore (West)	01	01	02	07	01	08
Murshidabad	—	—	—	03	01	04
Nadia	01	—	01	—	—	—
North Dinajpur	—	—	—	—	—	—
North 24-Parganas	02	—	02	07	02	09
Purulia	—	—	—	01	—	01
South Dinajpur	—	—	—	—	—	—
South 24-Parganas	—	02	02	03	—	03
Total	11	09	20	59	16	75

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Demography and Colleges

Name of the District	Comparative Area size 2001	Comparative Population size 2001	Sex Ratio	Density of Population per. sq. km	No. of General Degree Colleges
Bankura	7.75%	3.98%	953	464	15
Burdwan	7.91%	8.63%	921	985	27
Birbhum	5.12%	3.76%	949	663	13
Calcutta	0.22%	5.71%	828	24760	68
Coochbehar	3.82%	3.09%	949	732	11
Darjeeling	3.55%	2.00%	943	510	17
Hooghly	3.55%	6.28%	947	1601	25
Howrah	1.65%	5.33%	906	2913	17
Jalpaiguri	7.02%	4.24%	941	547	12
Malda	4.21%	4.10%	948	881	09
Midnapore East	7.75%	3.98%	953	464	15
Midnapore West	15.87%	12.01%	955	685	20
Murshidabad	6.00%	7.31%	952	1101	19
Nadia	4.42%	5.74%	947	1172	15
North Dinajpur	3.54%	3.04%	937	778	06
North 24-Parganas	4.62%	11.13%	927	2181	41
Purulia	7.05%	3.16%	953	405	11
South Dinajpur	2.50%	1.87%	950	677	04
South 24-Parganas	11.22%	8.61%	938	694	30

Districtwise distribution of different types of Colleges

District	General Degree (BA/BSc. B.Com)	B. Ed	Physical Edn.	Law	Home Science	Music	Art	Engg. & Tech.	Business Management	Special Institutions	Total
Bankura	15	4	—	—	—	—	—	2	—	—	21
Burdwan	27 (1G)	4 (1G)	—	3	—	1	1	8	1	2	47
Birbhum	13	1	—	1	—	—	—	2	—	—	17
Calcutta	68 (6G)	8 (1G)	—	4	1	1	1(1G)	17 (2G)	7	2 (1G)	109
Cooch-Behar	11(1G)	1	1 (1G)	—	—	—	—	—	—	—	13
Darjeeling	17 (1G)	2	—	—	—	—	—	1	—	—	20
Hooghly	25 (2G)	3 (2G)	2(1G)	1(G)	—	—	—	4 (1G)	—	—	35
Howrah	17	4	—	—	—	—	—	4	1	—	26
Jalpaiguri	12	3	1	1	—	—	—	1(G)	—	—	18
Malda	09	3(1G)	—	—	—	—	—	1	—	—	13
Midnapore East	15 (1G)	3	—	1	—	—	1	2	—	—	22
Midnapore West	20 (1G)	3	—	1	—	—	—	—	—	—	24
Murshidabad	19	5	1	2	—	—	—	3(1G)	—	—	30
Nadia	15 (1G)	2	—	1	—	—	—	4(1G)	—	—	22
North Dinajpur	06	2	—	—	—	—	—	—	—	—	08
North 24 Pgs	41 (3G)	7 (1G)	2 (1G)	1	—	—	1	2	—	—	54
Purulia	11	2	—	—	—	—	—	—	—	—	13
South 24 Pgs	30	4 (1G)	1 (1G)	1	—	—	—	3	—	—	39
South Dinajpur	04	2	—	1	—	—	—	—	—	—	07
Total	375	63	8	18	1	2	4	54	9	4	538

G – Indicates Govt. College

7.4 SOME SALIENT FEATURES OF COLLEGES

A. Government Colleges

- **Centre for Advanced Study :**

Presidency College has a Centre for Advanced Studies in Economics. This centre was started in 1972 under the Special Assistance Programme of the U.G.C. The centre helps in conducting the teaching programme in Economics at B.A (Hons) level and carries out research programmes. Seminars and workshops are also organised by the Centre on various aspects of macro and micro-economics. The primary thrust of research in the Centre has been in the formulation of approaches and methods for understanding some important problems of Indian economy. Two posts of Professors have been created by the Govt. of West Bengal exclusively for the Centre. The Geology Deptt. of Presidency College has been declared as Centre for Advance Studies (CAS) by the U.G.C. in 2006 and Rs. 1 Crore has also be granted for overall upgradation of infrastructure of this Department.

- **College of Excellence :**

Presidency College is the first college in West Bengal to be declared as the 'College with Potential for Excellence' by the UGC and Rs. 35 lakhs have been granted by UGC which is being used for total computerization of the college. Loreto College, St. Xavier's College and Scottis Church College, Kolkata have also earned this distinction.

- **Research / Partnership :**

Ford Foundation, UGC, DST -GoI, CSIR, etc, have funded special research and academic projects in top government colleges. Presidency College alone has received nearly Rs. 5 cr Libraries, Laboratories and Computer systems have been upgraded to enhance research and other academic facilities.

- **Created financial flexibility :**

The Principals of the Govt. Colleges have been given the financial powers of DPI/Secretary for sanctioning expenditure. They do not have to approach HE Deptt/DPI for these matters, as was the system before.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-103-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE GOVERNMENT DEGREE COLLEGES (EXCEPTING THE GOVT. ENGINEERING & TECHNOLOGICAL COLLEGES AND MEDICAL COLLEGES).

Year	Provision of Fund (Rs. in lakhs)
1994-95	24,05.78
1995-96	29,10.88
1996-97	33,79.00
1997-98	39,45.00
1998-99	39,50.00
1999-2000	57,33.80
2000-2001	63,53.63
2001-2002	59,25.68
2002-2003	61,16.31
2003-2004	48,86.57
2004-2005	42,30.70
2005-2006	45,78.40

B. Non-Government Colleges

Besides the Government Colleges, the State at present has 501 Non-Government Colleges of different categories of which 375 are non-Government General Degree College. Serampore College, established in 1818 under the initiative of the Danish Government is the oldest. It thus coincides with the year of establishment of Hindu College (later Presidency College) in Calcutta. It was followed by Krishnath College (1858), St. Xaviers' College (1860), St. Paul's College (1865) and Midnapore College (1873). The establishment of the colleges was, in some cases, associated with the National (Education) Movement in India during the British period, such as Surendranath College (1884) and Jadavpur Vidyapith (now Jadavpur Vidyapith College of Education). The decadal growth of Colleges (Appendix II) will show the course of development of Non-Government Colleges.

Since Independence, the Central and the State Governments have appointed various commissions in the field of education, the University Education Commission, 1948-49, the Indian Education

COLLEGES

Commission (Kothari Commission), 1964-66 and the Education Commission (Ashok Mitra Commission), 1992-93 etc. for the improvement of education and the service conditions of the Non-Government College teachers which were not at par with those of the Government Colleges teachers. Various effective steps have been taken for the improvement of the service conditions of teachers of Non-Government Colleges since the Left Front Government came into power in 1977, which include :

- As there was no security in service of College teachers and the payment of their salary was irregular, the present Government, after assumption of power, passed the West Bengal College (Payment of Salaries) Act, 1978 by which the security of service and the payment of salaries were ensured by the State Government. The Pay Packet Scheme is administered by Education Directorate.
- The Governing body of the Non-Government Colleges was democratized by the inclusion of elected representatives of the teaching and the non-teachings staff of the college.
- Previously the non-Government Colleges had to deposit 50% of their income in the Government Exchequer against the total payment of salary by the State Government. But the Government has waived this deposit.
- Similarly, Death-cum-Retirement benefit scheme was sanctioned for teachers of Non-Government Colleges in 1978. In 1993-94 an enhanced rate of pension and other benefits were sanctioned for teachers who had opted for them, making the benefits at par with those of the Government College teachers. A Pension Cell is attached to the Pay Packet Section of the Education Directorate to look after the payment of the Retirement Benefits of the Non-Government College teachers. Recently (2005-06) Govt. has taken urgent steps to clear the backlogs in pension related cases.
- Setting up of new departments/affiliation of new subjects in the emerging areas.
- Setting up of new courses/programme on self financing basis.
- Professional and vocational courses in collaboration with different organisations/institutes.

Expansion and Quality improvement :

The State Government has concentrated on the decentralization of educational opportunities to the rural and other backward areas of the State to meet the demands of the people for education. Between 1977 to 2004 General Degree Colleges have been established in different parts of the

State. The State Government is equally conscious of the need for improvement of the quality of college education. Every year the State Government has been sanctioning grants for the development of libraries and laboratories of the Colleges. Funds are also released for the repair, reconstruction/renovation and extension of college buildings.

The responsibility of management of non-Government colleges lies with the Governing Bodies of the colleges subject to overall jurisdiction of the State Govt. The academic matters of the Colleges are looked after by the University concerned to which the colleges are affiliated.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-104-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE NON-GOVT. DEGREE COLLEGES.

Year	Provision of Fund (Rs. In lakhs)
1994-95	113,30.00
1995-96	138,50.00
1996-97	144,60.00
1997-98	165,83.00
1998-99	176,00.00
1999-2000	204,40.00
2000-2001	243,20.00
2001-2002	263,00.00
2002-2003	283,27.84
2003-2004	297,44.23
2004-2005	342,00.00
2005-2006	377,52.54

C. National Assessment & Accreditation Council (NAAC)

The last five decades have seen a notable increase in the number of Higher Education Institutions in the country. The need for quality in public Instructions cannot be overlooked in any level of educational

structure of the country. However, maintenance of quality in Higher Education considering all socio-economic aspects, including the higher amount of investment per student, is a matter of paramount importance.

In order to address this issue of quality in higher education in the country, an apex evaluatory body, the National Assessment and Accreditation Council (NAAC, Bangalore) has been constituted under the jurisdiction of the University Grants Commission, New Delhi in 1994.

In West Bengal seven state-aided universities attached to this department and 106 General Degree Colleges have been assessed and accredited by NAAC so far.

- **Placement of Teachers in Non-Government Colleges**

The State Government established the West Bengal College Service Commission in 1979 for making recommendations for filling up the vacancies of different categories of teaching posts in Non-Government colleges. The College Service Commission has been successful in filling up the vacant posts of academic staff in large numbers and has helped in raising the academic atmosphere in the Colleges.

- **Commitment of the State Govt. towards Payment of higher remuneration to Part-time Teachers**

Effective steps have already been taken towards payment of remuneration to part time teachers @ Rs. 4000/pm . Rs.107 crore has been allotted during 2005-2006 fiscal. Provisions have also been made in the current year's budget in this matter.

- **Sanction of Additional post of teachers for the Colleges**

During the year, 1000 teaching posts in non-Govt. colleges and 125 teaching posts in Govt. colleges have been created.

CHAPTER – 8

PROFESSIONAL COURSES

(Other than Engineering, Technology and Management)

8.1 *Teachers' Training*

8.2 *Physical Education*

8.3 *Law Education*

**8.4 *Computer and IT related Education
Programme***

8.5 *Art Education*

8.6 *Music*

8.7 *Language Courses*

CHAPTER – 8

PROFESSIONAL COURSES

Apart from Engineering & Technology Education leading to B.E./B.Tech. & M.E./M.Tech./MCA courses and the Management programme leading to MBA/MBM/PGDBM etc. conducted in Engineering & Technology and Management Institutions, DOEACC accredited Computer courses (O,A&B level), B.C.A. are also imparted in a number of General Degree Colleges, in a few universities and in some other institutions.

In addition to the above, Professional courses like Law Education, Teachers training including Physical Education, Art Education, Music, Home Science etc. are conducted in different professional institutions as detailed below :

District	B.Ed	Phy. Edn.	Law	Home Science	Music	Art	Special Institutions	Total
Bankura	4	–	–	–	–	–	–	4
Burdwan	4 (1 G)	–	3	–	1	1	2	11
Birbhum	1	–	1	–	–	–	–	2
Calcutta	8 (1 G)	–	4	1	1	1 (1G)	2(1G)	17
Coochbehar	1	1 (1 G)	–	–	–	–	–	2
Darjeeling	2	–	–	–	–	–	–	2
Hooghly	3 (2 G)	2 (1 G)	1 (G)	–	–	–	–	6
Howrah	4	–	–	–	–	–	–	4
Jalpaiguri	3	1	1	–	–	–	–	5
Malda	3 (1 G)	–	–	–	–	–	–	3
Midnapore East	3	–	1	–	–	1	–	5
Midnapore West	3	–	1	–	–	–	–	4
Murshidabad	5	1	2	–	–	–	–	8
Nadia	2	–	1	–	–	–	–	3
North Dinajpur	2	–	–	–	–	–	–	2
North 24-Parganas	7 (1 G)	2 (1 G)	1	–	–	1	–	11
Purulia	2	–	–	–	–	–	–	2
South 24-Parganas	4 (1 G)	1 (1 G)	1	–	–	–	–	6
South Dinajpur	2	–	1	–	–	–	–	3
TOTAL	63*	8	18#	1	2	4	4	100

G - Indicate Govt. College

* Includes twelve self-financing private B.Ed. colleges but excludes University Education Departments and Colleges with Education/Education as an elective subject.

This excludes three University Law Department (C.U., B.U., N.B.U.) and W.B. University of Juridical Science but includes seven self-financing private law colleges.

PROFESSIONAL COURSES

8.1 TEACHERS' TRAINING

Secondary Teacher Education Programme in West Bengal :

In all there are 47 Secondary Teacher Education (B.Ed) Institutions established decades ago. Out of these 7 are Government Colleges, 19 are Government aided full-fledged colleges, 15 are Government aided General Colleges with B.Ed. Departments and 6 Universities where B.Ed. Course is offered

In the last 3 years 35 new Secondary Teachers Education Institutions have been established on self-financing basis with a view to cope with the growing demand of trained teachers in the State. The Government of West Bengal has issued no objection for establishment of such colleges on the recommendation of West Bengal State Council of Higher Education and the Universities have given affiliation to some of those colleges for running the B.Ed. Course.

All the 7 Government Colleges and all 6 B.Ed. Departments in the Universities are, at present, recognized by the National Council for Teacher Education (NCTE). Out of 19 Non-Govt. full-fledged teacher training colleges 11 have already got recognition of NCTE and the rest are under process of getting the same very soon. Out of 15 non-Govt. Degree Colleges having B.Ed. Department 7 have already got recognition from NCTE. Out of 36 very recently established self-financing colleges 3 have secured NCTE recognition.

The training colleges not yet recognized by the NCTE are getting ready to achieve that and the Govt. of West Bengal has taken necessary steps to get those colleges recognized as soon as possible.

The steps taken by the Govt. of West Bengal to improve the situation for fulfillment of norms and standards for B.Ed. programme as laid down by the NCTE are as follows :

1. Infrastructure of Govt. aided teacher education colleges has been improved and for this Rs 37 lakhs has been allotted particularly for construction purpose during the Financial Year 2004-2005 and Rs.7 lakhs during the Financial Year 2005-2006.
2. The Govt. of West Bengal has created 30 additional posts of lecturers in different Govt. aided teacher education colleges in 2004-2005. This has been done to equip the college in respect of teacher strength as per NCTE norm.
3. Almost all the colleges have reduced their intake of trainees to follow the NCTE norms.
4. M.Ed. course has been introduced at David Hare Training College and Education Deptt. of Calcutta University and Kalyani University. The total intake being 70. Institute of Education for Women, Hastings House, is going to start M.Ed. Course and for this they have applied to NCTE for getting recognition from this year.
5. The Teacher-Educators, who have been appointed after 1996, are deputed for undergoing M.Ed. Course. This step has been taken to improve their qualification as per NCTE norm.
6. David Hare Training College has been upgraded to Institute of Advance Studies in Education(IASE) and 4 colleges viz. Govt. College of Education, Banipur, Institute of Education

for Women, Hastings House, Govt. Training College, Hooghly, and Ramkrishna Mission Sikshak Sikshan Mandir, Belurmath, have been upgraded to Centres for Teacher Education(CTE). Two more colleges are going to be upgraded to CTE very soon.

The Teachers' Training Colleges fall into two categories: (a) B.Ed Colleges and (b) Physical Education Colleges.

LIST OF SECONDARY TEACHERS' TRAINING COLLEGES IN WEST BENGAL WITH THEIR AFFILIATING UNIVERSITIES

GOVT. B.ED. COLLEGE			
Sl.No.	Name of the Secondary Teachers' Training College	Affiliating University	Course Conducted
1.	David Hare Training College, 25/3, Ballygunge Circular Road, Calcutta -700 019	Calcutta	B. Ed.
2.	Institute of Education for Women, Hastings House, Alipore, Calcutta -700 027.	Calcutta	B. Ed.
3.	Government Training College, Hooghly, P.O. & Dist. Hooghly	Burdwan	B. Ed.
4.	Institute of Education for Women, Chandernagore, Dist. Hooghly.	Burdwan	B. Ed.
5.	Government Teachers' Training College, P.O. & Dist-Malda.	North Bengal	B. Ed.
6.	Government College of Education, Banipur, P.O. & Dist-24-Parganas (North)	Calcutta	B. Ed.
7.	Government College of Education, P.O. & Dist- Burdwan	Burdwan	B. Ed.
GOVT. SPONSORED B. ED. COLLEGE			
1.	A.C.Training College, P.O. & Dist-Jalpaiguri.	North Bengal	B. Ed.
2.	Sree Ramkrishna B.T. College. Darjeeling, Bagmari House, P.O. & Dist-Darjeeling.	North Bengal	B. Ed.
3.	*Sevayatan B.T. College, P.O. Sevayatan, Dist - Midnapore (West).	Vidyasagar	B. Ed.
4.	R. K. M. Sikshan Mandir, B.Ed, College, P.O. Belurmath, Dist - Howrah.	Calcutta	B. Ed.
5.	Sponsored Teachers Training College, P.O. & Dist- Purulia.	Burdwan	B. Ed.
6.	Raiganj B.Ed. College, Karnojora Housing Estate, P.O. Raiganj, Dist-West Dinajpur.	North Bengal	B. Ed.

PROFESSIONAL COURSES

NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE			
1.	Union Christian Training College, P.O. Berhampore, Dist-Murshidabad	Kalyani	B. Ed.
2.	Shimurali Sachinandan College of Education, P.O. Anur, Dist-Nadia.	Kalyani	B. Ed.
3.	*R.K. Saradapith (B.Ed. College) P.O. Anur, Dist-Hooghly	Burdwan	B. Ed.
4.	*Nilkhal Banga Sikshan Mahavidyalaya, P.O. Bishnupur, Dist-Bankura.	Burdwan	B. Ed.
5.	*Vidyasagar Teachers' Training College, P.O. & Dist-Midnapore.	Vidyasagar	B. Ed.
6.	Gopal Chandra Memorial College of Education, P.O. New Barrackpore, Dist-24 Parganas (North).	Calcutta	B. Ed.
7.	Gandhi Centenary B.T. College, P.O.Habra, Dist -24-Parganas (North)	Calcutta	B. Ed.
8.	A.B.T.T. College, Calcutta, P-14,Ganesh Chandra Avenue, Calcutta-13	Calcutta	B. Ed.
9.	Calcutta Girls' B.T.College, 6/1 , Swinhoe Street, Calcutta -19	Calcutta	B. Ed.
10.	*Nandalal Ghosh B.T. College, P.O. Madral, Dist. 24-Parganas (North)	Calcutta	B. Ed.
11.	Siliguri B.Ed. College, P.O. Kadamtala, Siliguri, Dist-Darjeeling.	North Bengal	B. Ed.
12.	*Jadavpur Vidyapith College of Education, P.O. Jadavpur, Calcutta -700032	Calcutta	B. Ed.
13.	Ramkrishna Mission Brahmananda College of Education, P.O. Rahara, Dist. 24-Parganas (North)	Calcutta	B. Ed.
UNIVERSITY B. ED. DEPARTMENTS			
1.	Teachers Training Department, Calcutta University, U. C. A. C. Alipur Campus 1, Reformatory Street, Calcutta-700027	Calcutta	B. Ed.
2.	Vinaya Bhawan, Viswa Bharati University, Santiniketan, Dist-Birbhum	Viswa Bharati	B. Ed.
3.	Kalyani University, P.O. Kalyani, Dist-Nadia	Kalyani	B. Ed.
4.	University B. T. College (North Bengal University), P.O. & Dist. Cooch Behar	North Bengal	B. Ed.

5.	University Institute of Science Education, University of Burdwan, P.O. & Dist –Burdwan.	Burdwan	B. Ed.
6.	B.Ed. Department, Rabindra Bharati University	Rabindra Bharati	B. Ed.
NON-GOVERNMENT DEGREE COLLEGE (having B.Ed. department)			
1.	St. Xavier's College, 30, Park Street, Calcutta –700 016	Calcutta	B.Ed.
2.	Scottish Church College, 1 & 3, Urquhart Square, Calcutta –700 006	Calcutta	B.Ed.
3.	Sree Sikshyatan College, 11, Lord Sinha Road, Calcutta –700016	Calcutta	B.Ed.
4.	Acharya J. C. Bose College, 1 / 1 A, Archarya J. C. Bose Road, Calcutta –700 071	Calcutta	B.Ed.
5.	Loreto College, 7, Middleton Row, Calcutta –700 071	Calcutta	B.Ed.
6.	*Fakirchand College, Diamond Harbour, Dist –24-Parganas (South).	Calcutta	B.Ed.
7.	*Gobardanga Hindu College, P.O. –Gobardanga, Dist. 24 –Parganas (North).	Calcutta	B.Ed.
8.	*Uluberia College, P.O. –Uluberia, Dist-Howrah.	Calcutta	B.Ed.
9.	Bijoy Krishna Girls College, 5/3, Mahatma Gandhi Road, Dist-Howrah.	Calcutta	B.Ed.
10.	*Panskura Banamali College, P.O. –Panskura, Dist–Midnapore.	Vidyasagar	B.Ed.
11.	Contai P. K. College, P.O.-Contai, Dist-Midnapore.	Vidyasagar	B.Ed.
12.	*Tamralipta Mahavidyalaya, P.O.–Tamluk, Dist–Midnapore.	Vidyasagar	B.Ed.
13.	*Katwa College, P.O. - Katwa, Dist. Burdwan	Burdwan	B.Ed.
14.	*Kalna College P.O.-Kalna, Dist-Burdwan	Burdwan	B.Ed.
15.	*Yogoda Satsanga Palpara Mahavidyalaya, P.O.- Palpara, Dist – Midnapore	Vidyasagar	B.Ed.

PROFESSIONAL COURSES**B.ED. COLLEGES (Self-financing)**

Sl. No.	Name of the Secondary Teachers Training College	Affiliating University	Course Conducted
1.	Mohananda College, Rajbandh, Durgapur	Burdwan	B.Ed.
2.	*Sarisa B. Ed. College, South 24 Pgs.	Calcutta	B.Ed.
3.	Institute of Education, Haldia	Vidyasagar	B.Ed.
4.	*Ethna Education College, Sonamukhi	Burdwan	B.Ed.
5.	*Santiniketan B. Ed. College, Ilambazar	Burdwan	B.Ed.
6.	Coochbehar B. Ed. College, Coochbehar	North Bengal	B.Ed.
7.	Gangarampur B. Ed. College, Daskshin Dinajpur	North Bengal	B.Ed.
8.	*Prabharani B. Ed. College, Berhampore	Kalyani	B.Ed.
9.	Balurghat B. Ed. College, Daskshin Dinajpur	North Bengal	B.Ed.
10.	Falakata B. Ed. College, Jalpaiguri	North Bengal	B.Ed.
11.	Malda Satish B. Ed. College, Malda	North Bengal	B.Ed.
12.	*Saltora B.Ed. College, Bankura	Burdwan	B.Ed.
13.	*Swarajnagar Teachers' Training College, Bankura	Burdwan	B.Ed.
14.	Eastern Dooars B.Ed. Training College, Jalpaiguri	North Bengal	B.Ed.
15.	Sammelani Teachers' Training College, 4, Santoshpur Avenue, Kol-75	Calcutta	B.Ed.
16.	Vivekananda Teachers' Training College, P.O. Kazigram, Dist. Nadia	North Bengal	B.Ed.
17.	*Kabi Sukanta Secondary Teachers' Training Institute, Purba Medinipur	Vidyasagar	B.Ed.
18.	Krishnagar B.Ed. College, Nadia	Kalyani	B.Ed.
19.	Swami Vivekananda College of Education for Women, Barrackpore, North 24-parganas	Calcutta	B.Ed.
20.	Maulana Abul Kalam Azad Teachers' Training College, P.O. Tilana, Uttar Dinajpur	North Bengal	B.Ed.
21.	*Jagadish Chandra Basu Sikshak Sikshan Mahavidyalaya, South 24-Parganas	Calcutta	B.Ed.
22.	Galsi Rabindra Nazrul College of Education, Burdwan	Burdwan	B.Ed.
23.	Jalangi B.Ed. College, Dumkal, Murshidabad	Kalyani	B.Ed.
24.	Bijoy Pal Memorial B.Ed. College, Asansol, Burdwan	Burdwan	B.Ed.

25.	*Gangadharpur Sikhan Mandir, Howrah	Calcutta	B.Ed.
26.	*Raidighi B.Ed. College, South 24-Pargs.	Calcutta	B.Ed.
27.	Dr. B.R. Ambedkar College, Paschim Medinipur	Vidyasagar	B.Ed.
28.	Pandit Raghunath Murmu Teachers' Training College, Murshidabad	Kalyani	B.Ed.
29.	*Surendralal Das Teachers' Training College, Howrah	Calcutta	B.Ed.
30.	Dr. D. N. Sen College of Education, Howrah	Calcutta	B.Ed.
31.	Manbhum Institute of Education & Social Science, Purulia	Burdwan	B.Ed.
32.	Kolkata Teachers' Training College, North 24-Parganas	Calcutta	B.Ed.
33.	*Ratulia Secondary Teachers' Training Institute, Purba Medinipur	Vidyasagar	B.Ed.
34.	Shyamaprasad College of Education & Training, Alipore, South 24-Parganas	Calcutta	B.Ed.
35.	Basantapur Education College, Dumkal, Murshidabad	Kalyani	B.Ed.
36.	Shyamsundar Institute of Education & Training	Calcutta	B.Ed.

* Awaiting NCTE approval.

8.2 PHYSICAL EDUCATION

A list of institutions providing under-graduate and post-graduate education in physical education are given below :

A. GOVERNMENT PHYSICAL EDUCATION COLLEGES

Sl. No.	College	Affiliating University	Course Conducted	Intake Capacity
1.	Post-Graduate Training College for Physical Education, Banipur, North 24 Parganas. Ph. 953216/237032	Calcutta	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed.)	25 120
2.	State Institute of Physical Education for Women, Hastings House, Alipore, Kolkata, Ph. 24796824	Calcutta	B.P.Ed. (Women) M.P.Ed. (Women)	70 15
3.	Government Physical Education College for Women, Hooghly. Ph. 2683083	Burdwan	B.P. Ed. (Women)	20
4.	Government College of Physical Education for Women, Dinhata, Coochbehar. Ph. 953581/255154	North Bengal	B.P.Ed. (Women)	25

PROFESSIONAL COURSES

UNIVERSITY DEPARTMENTS (State University/Central University)

Sl. No.	Department	University	Course Conducted	Intake Capacity
1.	Department of Physical Education Kalyani University, Kalyani, Nadia Ph. 25828750	Kalyani	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)	25 80
2.	Department of Physical Education Jadavpur University, Jadavpur Ph. 24136786	Jadavpur	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)	20 50
3.	Department of Physical Education Viswabharati University, Santiniketan Ph. 953463/252672	Viswabharati	M.P.Ed. B.P.Ed.	20 30

NON-GOVERNMENT COLLEGES WITH PHYSICAL EDUCATION DEPARTMENT

Sl. No.	Department	University	Course Conducted	Intake Capacity
1.	Nikhil Banga Sikshan Mahavidyalaya, Bishnupur, Bankura (under pay packet scheme) Ph. 953244/252001	Burdwan	B. P. Ed. (Men)	50
2.	Union Christian Training College, Berhampore, Murshidabad (under pay packet scheme). Ph. 953482/250254	Kalyani	B. P. Ed. (Men)	50
3.	Seva Bharati Mahavidyalaya, Kapgari, West Midnapore (under pay packet scheme). Ph. 953226/263295	Vidyasagar	B. P. Ed. (Co-Ed)	50
4.	Panskura Banamali College, (East Midnapore) (under pay packet scheme). Ph. 953228/252222	Vidyasagar	B. P. Ed. (Men)	65
5.	Mukberia Gangadhar Mahavidyalaya, Bhupatinagar, East Midnapore (Self financing scheme). Ph. 953220/270236	Vidyasagar	B. P. Ed. (Co-Ed)	65
6.	Ananda Chandra College, Jalpaiguri, (Self financing scheme).	North Bengal	B. P. Ed. (Men)	50
7.	Garbeta College, P.O. Garbeta, Dist. West Midnapore (Self financing scheme) Ph. 953227/265143	Vidyasagar	B. P. Ed. (Men)	60

COLLEGES OFFERING PHYSICAL EDUCATION AS AN ELECTIVE SUBJECT

Sl. No.	College	District	Affiliating University
1.	Garhbeta College	West Midnapore	Vidyasagar
2.	Panskura Banamali College	East Midnapore	Vidyasagar
3.	Pingla Thana Mahavidyalaya	Midnapore	Vidyasagar
4.	Khajuri College	Midnapore	Vidyasagar
5.	Midnapur College	Midnapore	Vidyasagar
6.	Haldia Government College	Midnapore	Vidyasagar
7.	Jhargram Raj College	Midnapore	Vidyasagar
8.	Tamralipta Mahavidyalaya,	East Midnapore	Vidyasagar
9.	Mukberia Gangadhar Mahavidyalaya	Midnapore	Vidyasagar
10.	Seva Bharati Mahavidyalaya	West Midnapore	Vidyasagar
11.	Bajkul Miloni Mahavidyalaya	Midnapore	Vidyasagar
12.	Sabang Sajani Kanta Mahavidyalaya	Midnapore	Vidyasagar
13.	Belda College	Midnapore	Vidyasagar
14.	Vivekananda Mahavidyalaya, Haripal	Burdwan	Burdwan
15.	Rabindra Mahavidyalaya, Chapadanga	Hooghly	Burdwan
16.	Memari College	Burdwan	Burdwan
17.	Durgapur Govt. College	Burdwan	Burdwan
18.	Chatra Ramai Pandit Mahavidyalaya	Burdwan	Burdwan
19.	Kandi Raj College	Murshidabad	Kalyani
20.	Netaji Satabarshiki Mahavidyalaya	North 24 Parganas	Calcutta
21.	Banipur Mahila Mahavidyalaya	North 24 Parganas	Calcutta
22.	Dhrubachand Halder College	South 24 Parganas	Calcutta
23.	B. R. Ambedkar College, Betai	Nadia	Kalyani
24.	Scottish Church College, Kolkata	Kolkata	Calcutta
25.	Siliguri College	Darjeeling	North Bengal
26.	Cooch Behar College, Cooch Behar	Cooch Behar	North Bengal
27.	Ananda Chandra College, Jalpaiguri	Jalpaiguri	North Bengal
28.	Joypur P. Roy College	Howrah	Calcutta
29.	Muralidhar Girls' College, Mahisadal	Purba Medinipore	Vidyasagar

PROFESSIONAL COURSES

30	PN Das College	North 24 Parganas	Calcutta
31	B.N. Dutta Smriti Mahavidyalaya	Burdwan	Burdwan
32	Vivekananda Mission Mahavidyalaya	Midnapore	Vidyasagar
33	Raja Birendra Chandra College	Nadia	Kalayani
34	A.P.C. College, New Barrackpore	North 24 Parganas	Calcutta
35	Prabu Jagat Bandhu College, Jorhat	Howrah	Calcutta
36	Raja Rammohan Roy Mahavidyalaya, Radhanagar	Hooghly	Burdwan
37	Srikrishna College, Bagula	Nadia	Kalyani
38	Rani Dhanya Kumari College, Jiaganj	Murshidabad	Kalyani
39	Bajkul Milani Mahavidyalaya, Bajkul	Purba Midnapore	Vidyasagar
40	Belda College, Belda	Paschim Midnapore	Vidyasagar
41	Chandrakona Vidyasagar Mahavidyalaya, Chandrakona	Paschim Midnapore	Vidyasagar

PHYSICAL EDUCATION COLLEGES (SELF-FINANCING)

Sl. No.	College	District	Affiliating University
1	Raja Rammohan College for Physical Education	Hooghly	Burdwan University
2	Model B.P. Ed. College	Jalpaiguri	North Bengal University
3	Sunil Dhar B.P. Ed. College	Murshidabad	Kalyani University
4	Jagadish Chandra Basu Sikshak Sikshan Mahavidyalaya	North 24-Parganas	Calcutta University

8.3 LAW EDUCATION

The introduction of law education in India can be traced back to the year 1827 when the course was introduced in Hindu College. When Presidency College came into being in 1855, law education became an important department of the College. Various factors, however, compelled this law department to be abolished in 1884. Ripon College (now Surendranath College) was granted affiliation to teach B.L. in 1885. The next major step in law education of the State was taken when Calcutta University opened its law college in 1909. Since 1970, four more law colleges have come up, along with law colleges at North Bengal and Burdwan Universities. The academic status of law education has however, fluctuated over the decades. Initially, it attracted brilliant scholars and produced most of the legal luminaries of the 19th century. After the First World War, the legal profession became overcrowded. After the Independence, law graduates came to be in high demand due to industrial and commercial growth and the facilities for law education was expanded.

Previously, the study of law comprised 3 year courses but of late, a major innovation has been made by introducing a 5 year integrated course on the recommendations of the All India Bar Council. The course starts beyond the H.S. stage and the first 2 years include, apart from some basic law courses, English, Political Science, History and allied subjects. The last three years are devoted to the teaching of only law subjects.

The West Bengal University of Juridical Science was formally inaugurated on 22nd April 2000. The admission to the 5 year Course in law offered by the University is made through an All India Entrance Examination. The present position in legal education in the State is enumerated below in a summary form. Law Colleges have also been established on self financing basis.

TYPE OF COURSES

- (i) L.L.M. — 3 University Departments and in the newly established University of Juridical Sciences
- (ii) L.L.B. — 3 years after graduation
- (iii) L.L.B. (Hons.) — 5 years after (10+2)

(i) L.L.M. COURSE

College	Intake					Duration
	M.	F.	S.C.	S.T.	TOTAL	
(a) Calcutta University						
Regular	6	2	2		10	2 yrs Day
External	11	0	3		14	
(b) Burdwan University	12	1	3		16	2 yrs Day
(c) North Bengal University	16	6	2		24	2 yrs Day

PROFESSIONAL COURSES

(a) L.L.B. Course 3 yrs after graduation (40% or More Master in any Subject)

Sr No.	Institutions	Affiliating University	Intake	Remarks
1	Government Law College		40	University Law Dept
2	Anglo Hindu College	University	40	Anglo Hindu College
3	Stella Maris College	University	40	Self Training

(b) L.L.B. (Hons) / L.L.B. Course 5 yrs after 10+2 class

Sr No.	Institutions	Affiliating University	Intake	Remarks
1	Stella Maris College Law Department Anglo Hindu University St. Thomas	University	50	University Law Department
2	Anglo Hindu College Law Dept St. Thomas		40	Training
3	Anglo Hindu College Law Dept St. Thomas		40	Training
4	Anglo Hindu College Law Dept St. Thomas		40	Training
5	Anglo Hindu College Law Dept St. Thomas	University	40	Self Training
6	Anglo Hindu College Law Dept St. Thomas	University	40	Self Training
7	Anglo Hindu College Law Dept St. Thomas	University	40	Self Training

1	Initial design - conceptual design	Initial design - conceptual design	10%	10%
2	Initial design - preliminary design	Initial design - preliminary design	10%	10%
3	Initial design - final design	Initial design - final design	10%	10%
4	Initial design - construction documents	Initial design - construction documents	10%	10%
5	Initial design - construction documents	Initial design - construction documents	10%	10%
6	Initial design - construction documents	Initial design - construction documents	10%	10%
7	Initial design - construction documents	Initial design - construction documents	10%	10%
8	Initial design - construction documents	Initial design - construction documents	10%	10%
9	Initial design - construction documents	Initial design - construction documents	10%	10%
10	Initial design - construction documents	Initial design - construction documents	10%	10%
11	Initial design - construction documents	Initial design - construction documents	10%	10%
12	Initial design - construction documents	Initial design - construction documents	10%	10%
13	Initial design - construction documents	Initial design - construction documents	10%	10%
14	Initial design - construction documents	Initial design - construction documents	10%	10%
15	Initial design - construction documents	Initial design - construction documents	10%	10%
16	Initial design - construction documents	Initial design - construction documents	10%	10%
17	Initial design - construction documents	Initial design - construction documents	10%	10%
18	Initial design - construction documents	Initial design - construction documents	10%	10%
19	Initial design - construction documents	Initial design - construction documents	10%	10%
20	Initial design - construction documents	Initial design - construction documents	10%	10%

8.4 CONSTRUCTION ADMINISTRATION

8.4.1 B C A Course

A number of courses in the field of construction administration are offered by the American Institute of Architects (AIA). The AIA offers a number of courses in the field of construction administration, including the following:

b) *Computer Science & Electronics (Hons.) and General Courses*

At present B.Sc.(Hons.) course in Computer Science and Electronics is offered in a number of general degree colleges. B.Sc.(General) courses with Computer Science are available in around 50 colleges and with Electronics in about 40 General Degree Colleges. Vocational courses in Computer Application are also available in some colleges.

B.Sc.(Hons.) courses in Internet Science and also in Software Technology have been introduced in a few Colleges of North Bengal University and in Burdwan University.

c) *DOEACC Accredited Computer Courses in 'O' 'A' 'B' and 'C' level*

- i) Computer Courses in 'O' (Foundation courses), 'A' (PGDCA), 'B' (B.Tech) And 'C' (M.Tech.) level are conducted at the Institute of Computer Engineers (India), Chatterjee International Centre, 33A, Chowringhee Road, Kolkata-700071 and in some other institutions.
- ii) The DOEACC accredited 'O' & 'A' level courses are also conducted by the DOEACC Centre, Kolkata.
- iii) Webel Informatics Ltd. Conduct a series of IT related courses.

d) The Netaji Subhas Open University, in collaboration with the erstwhile Regional Computer Center, Kolkata, has set up the School of Digital Learning. The school is offering modular courses in Web Application Development, Information Technology and Multimedia Content Development etc (leading to BCA degree), on a pilot basis at its premises in Gol Park, Calcutta-700 029.

e) Jadavpur University has introduced a number of short term courses in Multimedia, IT and related areas.

8.5 ART EDUCATION

There are four Art Colleges in the State; one of them is a Government College one is a Non-Government College, supported by the Government for its maintenance and other two are self financing institutes.

8.5.1 GOVERNMENT COLLEGE OF ART AND CRAFT

28, Jaharlal Nehru Road, Calcutta-700 016.

Telephone : 2249-2027

The Government College of Art and Craft, originally started as the School of Art in 1864, was established in 1950. The University of Calcutta granted affiliation to the College in 1981. The Master of Visual Arts Course was started in 1999-2000.

The original building of the college is in the pattern of the Royal College of Art, London. Subsequently, more buildings have come up to accommodate various departments and activities of the college.

COURSES OF STUDY AND OTHER ACTIVITIES

- Five years integrated course** :
- i) Preparatory Course (equivalent to H S) —Two years
 - ii) Bachelor of Visual Arts (Honours Degree Course)-
Three years with seven streams—Drawing and Painting (Western Style), Drawing and Painting (Indian Style), Graphic Design / Applied Art, Modeling and Sculpture, Ceramic Art and Pottery, Textile Design and Woodwork, Leather Craft, Toy making.
- Master of Visual Art (MVA)** :
- Two years Post graduate course with the following three streams –
- A. Painting
 - (a) Oil-based Techniques.
 - (b) Water-based Techniques.
 - (c) Print Making
 - B. Modeling and Sculpture
 - C. Applied Art and Design.
 - (a) Applied Art.
 - (b) Ceramics
 - (c) Textiles.
 - (d) Wood and Leather Craft.

PROFESSIONAL COURSES

8.5.2 THE INDIAN COLLEGE OF ARTS AND DRAFTSMANSHIP

72, Dum Dum Road, Calcutta-700 074

Establishment year-1893

(Affiliated to Rabindra Bharati University)

COURSES OFFERED :

Bachelor of Visual Arts: 5 years integrated course ; Preparatory course - 2 years duration consisting of 800 marks ; Theory-400 and Practical 400.

Specialization course of 3 years duration with Specialization in Painting, Sculpture and Applied Art (Commercial Arts). The course is of an Honours standard.

8.6 MUSIC

8.6.1 BENGAL MUSIC COLLEGE

P-1, C.I.T. Scheme - LXXII, Gariahat Road,

Calcutta-700 029, Ph. 2466-2692

(Affiliated to Calcutta University, Established : 1940)

OBJECTIVE

The Bengal Music College has been established to extend systematic training in the field of Indian Classical Music, Rabindra Sangeet, Folk Songs of Bengal, Thumri, Bhajan, Puratani and Modern Bengali Songs, etc. The College is a pioneer in the field of Music Education in West Bengal. The College offers Music as an elective subject in B.A/B.Sc. Degree Course under Calcutta University.

Name of Course	Duration	Intake Capacity
Bachelor in Music (Pass)	3 years	50 (including SC/ST)
Bachelor in Music (Hons.)	3 years	20 (including SC/ST)
Music as an elective subject B.A. / B. Sc. Course	3 years	200 (including SC/ ST)

Apart from the above college of Music, there is a Music college in Burdwan offering Degree and Diploma/Certificate in Rabindra Sangeet, Classical and Instrumental Music.

Rabindra Bharati and Viswa Bharati Universities have their Music Departments offering undergraduate and post-graduate degrees and diplomas.

8.7 LANGUAGE COURSES

Foreign languages taught at different centres in West Bengal

Sl. No.	Name of Institution	1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Arabic	Chinese	English	French	German	Italian	Japanese	Korean	Latin	Persian	Portuguese	Russian	Spanish	Tibetan
1.	Alliance Francaise (AF), 'Khalil Manzil', 217,A.J.C. Bose Rd., Kol-17, Ph. No.-2281-5198,2283-0769	✓													
2.	Bhowanipore Educational Society College (BESC), 5,Elgin Rd.,Kol-20,Ph. No.-2228-0381			✓	✓			✓						✓	
3.	Bengal Engineering and Science University (BESU), P.O.-Botanic Garden,Shibpur, Howrah-711103.			✓		✓									
4.	The British Institute (BI) 13/1A, Govt.Place, Kol-69, Ph.2243-0046			✓	✓	✓								✓	
5.	Burdwan University (BU), Rajbati, Burdwan,Pin-713104.			✓	✓	✓							✓		
6.	Chandernagore Govt. College (CGC), Chandernagore,Pin-712136.				✓										
7.	Calcutta University (CU), Senate House,College Street, Kol- 73	✓	✓	✓	✓	✓			✓		✓		✓	✓	✓
8.	Gorky Sadan (GS), Kolkata												✓		
9.	Indo-American Society (IAS), 17, Camac St,Kol-17 Ph. No.-2247-3756			✓											

✓ indicate the course available in the centre.

PROFESSIONAL COURSES

	Name of Institution	1	2	3	4	5	6	7	8	9	10	11	12	13	14
10.	Institute of Culture (ICGP), Golpark,(R.K. Mission),Kol-29.	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
11.	Italian Consulate (ICK), 3, Raja Santosh Road,Alipore,Kol-27						✓								
12.	Institute de Chandernagore (IDC), Strand Road,Chandernagore,Hooghly. Ph. No.2683-9661				✓										
13.	I.I.T.,Kharagpur(IITK) Kharagpur, West Midnapore,Pin-721302.			✓		✓									
14.	In Lingua (ILK), 129A,S.P. Mukherjee Rd.,Kol-26, Ph. 2465-7621				✓	✓		✓						✓	
15.	Jadavpur University (JU), Jadavpur,Kol-32.				✓	✓	✓	✓	✓			✓	✓	✓	
16.	Korean Culture and Language Centre (KCLC), AE-545,Salt Lake, Kol-64, Ph. 2321-1115								✓						
17.	Kalyani University (KU),Kalyani, Nadia,Pin-741235.		✓										✓		
18.	Language Teaching Centre (LTC), G-11/7, Karunamoyee, Salt Lake, Kol-91 Ph. 2359-0019,2337-3429.							✓							
19.	Max Mueller Bhavan (MMB), (Goethe Inst.), Kolkata					✓									
20.	North Bengal University (NBU), Raja Rammohanpur,Darjeeling, Pin-734430.				✓										
21.	Rabindra Bharati University (RBU), 56A,B.T. Road,Kol-50.			✓			✓	✓						✓	
22.	Visva Bharati (VB),Shantiniketan, Birbhum,Pin-731235.		✓	✓	✓	✓	✓	✓					✓		
23.	World Trade Centre, Kolkata (WTCK), 1/1,Camac St. Kol-17, Ph. 2229-4010.		✓										✓		

CHAPTER – 9

ACTIVITIES OF THE WINGS OF THE GOVERNMENT ACADEMIES AND ORGANISATIONS

- 9.1 *Institut de Chandernagore*
- 9.2 *Institute of English*
- 9.3 *Joint Entrance Board*
- 9.4 *Netaji Institute for Asian Studies*
- 9.5 *National Service Scheme (NSS)*
- 9.6 *Paschim Banga Hindi Academy*
- 9.7 *West Bengal District Gazetteers*
- 9.8 *West Bengal State Archives*
- 9.9 *West Bengal State Book Board*
- 9.10 *West Bengal State Council of Higher Education*
- 9.11 *West Bengal College Service Commission (WBCSC)*
- 9.12 *Day Students' Homes*

CHAPTER – 9

ACTIVITIES OF WINGS OF THE GOVERNMENT, ACADEMIES AND INSTITUTES

9.1 INSTITUT DE CHANDERNAGORE

Strand Road, Chandannagar, Hooghly, Phone-(003) 2683-9661

Indo French Cultural Centre & Museum (called Institut de Chandernagor) is situated on the west bank of river Hooghly. The ecology of this area is charming and pleasant. Institute has potential in two aspects – education and tourism. The building of the Institute (Dupleix Palace) is a historical monument. The building itself is an object of the museum, architecture Neo-classical columns of Tuscan Order i.e. gothic style, rebuild in 1812-14.

The Institute is a mass Education Centre to run with three wings – Museum, Library and French language study, also to promote the culture and heritage of two countries India and France.

The first meeting of the Governing Body was held on 6th February 2006 at the Institute, Chandernagore under the Chairmanship of the Hon'ble Governor of West Bengal. It is a good achievement, which will open the broad window of culture and research events between France and India.

Museum :

Open : 11 a.m. to 6 p.m. (March to November)

11 a.m. to 5.30 p.m. (December to February)

For the fulfillment of the Article No.-IX of the Treaty of Cession of Chandernagore in 1951, the Ministry of External Affairs, Government of India established the museum at former French Administrator's Residence (Dupleix Palace), 1952.

The museum has a potentiality of the Colonial history of Bengal particularly three hundred years French Colonial history of Chandernagore. Now the museum occupies the major part of the main building. There are ten (10) galleries i.e. (1) East India Companies, (2) French periodic furniture, (3) French Administration, (4) Dupleix (Governor at Chandernagore 1731-1741), (5) Freedom of Chandernagor, (6) Indian Freedom Movement and role of Chandernagore, (7) Paintings, Coins and Manuscript, (8) School of painting of Chandernagore, (9) Handicrafts, (10) Terracotta & Metal casting (cire perdue casting).

ACADEMIES AND ORGANISATIONS

Professor Basudeb Chattopadhyay, Director of Archives, Government of West Bengal has suggested in the first meeting of the Governing Body on 6th February 2006, that Indian Freedom Movement gallery should be required to re-orient.

In this aspect the State Archives would be glad to share for giving photographs of revolutionary phase in connection with Chandernagore. The step has been taken to prepare a blueprint of display in two galleries i.e. Indian Freedom Movement and East India Companies. After approval of the Hon'ble Governor, West Bengal, the Chairman of the Governing Body, the first phase of work will be started in this financial year.

Indian and Foreign visitors of different countries visited the museum throughout the year. A historiography according to month wise visitors to visit the museum in 2005.

Temporary Exhibition :

An Archival temporary exhibition was held from 23rd to 31st January 2006, on Netaji Subhas Chandra Bose. The Government of India handed over these archival documents to the Mukherjee Commission. In this connection a sit and draw competition was organized among the children.

Publication :

A pamphlet *"The Indo French Cultural Centre & Museum, a historical background"* was published in this financial year 2005-06.

Library :

The library has a rich collection of old French Administrative records "Journal official" and French law books "Dalloze". It is classified as a research oriented library. A series of publications from "XVI to XX" century of French language consist the works of French Authors as like- **Andre Gide, Balzac, Corneille, Montaigne, Victor Hugo, Voltaire, Racine, Rousseau, Saint Simon, Molière, Musset, Emile Zola, Marcel Proust, Paul Claudel, Madame de Sevigné, Sainte Beuve** and others, which were donated by the French Government.

French Language Study :

The part of fulfillment as a spirit of aims and objects of different agreements between India and France, the adult French course was established by the Higher Education Department, Govt. of West Bengal to promote the French language in 1966. There are studies in French of two levels Certificate and Diploma of one-year course in two semesters, January to June and July to December.

Eligibility :

Minimum qualification is passed Higher Secondary Examination or it's equivalent. Higher qualification is preferable.

Enrolment in 2005 :

Enrolment of students of two semesters January to June and July to December is appended -

Certificate Part - I		Certificate Part - II		Diploma Part - I		Diploma Part - II	
Admitted	Passed	Admitted	Passed	Admitted	Passed	Admitted	Passed
89	42	38	25	12	10	7	5

Fees :

Tuition fee is Rs 20 00 (Rupees – Twenty) only per month. One semester - tuition fees, admission and other fees would be paid at the time of admission.

Evaluation :

The final examination, written and oral, will be held after completion of each semester and distribution of marks in written-200 and oral-100 for Certificate Part-I, Part-II & Diploma Part-I and written-300 and oral-100 for Diploma Part-II.

It was decided in the meeting of the Governing Body on 6th February 2006 that the Higher Education Department, Govt. of West Bengal should be requested to examine the possibility of upgrading University of Burdwan its French language course and coordinating with the French language teaching programme at the Institut de Chandernagor.

9.2 INSTITUTE OF ENGLISH

119, S.P. Mukherjee Road, Calcutta - 700 026. Phone 2466-3039

Website : www.instituteofenglishcalcutta.org

The Institute of English, Calcutta (IEC) was founded in close collaboration with the British Council, Division of British Deputy High Commission, Calcutta through a Government notification (G.O. Number 3945 Edn(D) dt 3.10.1962) in 1963. Since the inception the Institute of English, Calcutta has been effectively handling the task of teacher training in the field of ELT entrusted to it, both in in-service and pre-service sectors. The Institute is still providing teachers of English with the necessary knowledge and understanding, skills and aptitudes apart from an active academic support in various forms. The Institute is unique in that it is not affiliated to any University and enjoys full academic autonomy in devising its own courses, framing syllabi, conducting examinations and conferring Diploma and Certificates. In the various aspects of its works, the Institute is in close touch with SCERT, NCERT, British Council, CIEFL (Hyderabad), WBBPE, WBBSE and WBCHSE.

ACADEMIES AND ORGANISATIONS

Regular Programme :

Name of the Programme	Seats	Duration	Eligibility
Diploma in English Language Teaching (DELT)	100	Four months	Teachers of English at the Secondary and Higher Secondary level and Freshers with an M.A. in English, or graduates with Honours in English or Vocational / Communicative English
Certificate in English Language Teaching (CELT)	30	Four months	Teachers of English at the junior secondary and primary and Graduates in any discipline
Improved Communication in English - Basic (ICE - Basic)	50	50 hour	Madhyamik or equivalent
Improved Communication in English (ICE Advance)	50	50 hour	Higher Secondary and Equivalent
Computer Use in Teaching of English(CUTE)	18	30 hour	HS or equivalent with 50% marks
Advance Communication in English (ACE)	30	50 hour	Graduates in any discipline and/or Professionals
Certificate of Proficiency in Spanish	30	120 hour	HS or equivalent
Diploma in Spanish	30	130 hour	HS and a Certificate of Proficiency in Spanish from a recognized institution

* Admission notifications for the above courses are published in all leading English and Bengali Daily Newspapers.

Short Programmes/Workshops/Seminars during this academic session (2005-2006) :

Title	Duration	In collaboration with	No. of Participants
First phase of Orientation programme on Developing Communication Skills at the Tertiary Level	8th – 10th May 2005	Under ELTI Support Scheme	23
Teaching Listening Skills at the Secondary Level	17th May 2005	Dept. of School Education, Govt. of West Bengal	40 Head Masters of Government Schools
A one-week orientation programme for Secondary Teachers of English in North Bengal on "Developing Language Skills and Strategies for Effective Teaching of English at the Secondary Level."	25th – 31st May 2005	West Bengal Board of Secondary Education	39 teachers of Secondary and Higher Secondary Level
A one-week Orientation programme for PTTI Resource Persons on "Developing Communication in the Classroom"	25th – 29th July 2005	West Bengal Board of Primary. Education; Prof. Lalitha Eapen, Prof. G. Rajagopal from CIEFL, Hyderabad have been our Resource Persons	22 Teacher Educators from different PTTIs
Language Development in the Child	4th October 2005	Under ELTI Support Scheme	19 Teachers of English teaching at Secondary, Higher Secondary and Tertiary level
Preparation of Supplementary materials	16th – 18th November 2005	West Bengal Board of Secondary Education	15 Resource persons and materials producer.

ACADEMIES AND ORGANISATIONS

Short-term outreach Orientation Programme at Kamarpukur, Hooghly, for Teachers of English at the rural and backward areas – Theme – Teaching Reading and Writing Skills at the Secondary Level.	3rd–5th Dec 2005	Under ELTI Support Scheme	44 Teachers of English teaching at Secondary, and HS level in Rural Hooghly
Outreach Orientation teachers Programme at South 24 Parganas for Primary Teachers	17 – 18 Dec 2005	Under ELTI Support Scheme	133 primary
Doorstep Training Programme Master Resource Persons' Training	11th – 14th Jan 2006	West Bengal Board of Secondary Education, Dept. of School Education, Govt. of West Bengal, ELTI Support Scheme, MHRD, GOI	48 Teachers of English teaching at Secondary, Higher Secondary and Tertiary level
Doorstep Training Programme Key Resource Persons' Training – Phase I for Hooghly District	17th – 19th Feb 2006	West Bengal Board of Secondary Education, Dept. of School Education, Govt. of West Bengal, ELTI Support Scheme, MHRD, GOI	35 Secondary School Teachers from Hooghly District
Teaching English Grammar – Classroom Challenges and Concerns	12th – 13th Mar 2006	Under ELTI Support Scheme	30 Teachers of English teaching at Secondary, and Higher Secondary level
First Meeting-cum-workshop for a Pilot Project for Preparation of a Training Module and Video Materials for the Primary Level in West Bengal	24th – 25th March 2006	Oxford Brookes University, UK, West Bengal Board of Primary Education and the CIEFL	16 teachers and Resource Persons

English Language Materials Produced :

1. Doorstep Training Manual (January 2006) a training handbook for Secondary teachers of English.
2. Learning English A Resource Bank (January 2006) a resource book for teachers and parents for developing Listening skills This book is accompanied by a 60 minute cassette/ audio CD
3. Improved Communication in English (January 2006) a resource book for developing pronunciation and other oral/aural skills This book contains Examples of language functions used in 25 day to day communicative situations This book is also accompanied by a 90 minute cassette/ audio CD.

Course Profile**A. DELT and CELT****■ Aims and objectives :**

- To help the trainees improve their own English
- To equip the trainees with necessary skills for teaching English
 - By developing awareness of the key theories and principles of English language teaching and learning at various levels
 - By helping the trainees to make effective classroom use of teaching materials in the primary textbooks (in case of CELT) and secondary course book in case of DELT
 - By providing a hands on training of classroom teaching of English by observing, practicing, and evaluating teaching
 - By helping them to prepare and administer appropriate tests
- To provide a basis for continued professional development

■ Structure of the Course :**● Component I : Supporting Component**

This is intended to provide necessary background knowledge and skills for the Practical Methodology component It consists of three areas

- Applied Linguistics
- Language Description
- Language Development

■ Component II : Practical Methodology

Main components

- Language Teaching Methodology
 - Teaching Grammar (For DELT Alone)
 - Teaching of LSRW Skills
 - Teaching Literary Appreciation (For DELT Alone)
 - Remedial Grammar (For CELT alone)
 - Teaching Language through stories, songs and rhymes (For CELT alone)
 - Teaching of Literacy Skills (For CELT alone)
 - Test Development
 - Materials Exploration and Development
 - Use of Media
 - Practice Teaching – Developing Lesson Plans, Observing Classes and Post Lesson Discussion.

■ Assessment

- | | |
|--------------------------------|-----------|
| ● Course Work | 300 marks |
| ● Mid-term Written Examination | 200 marks |
| ● Final Examination | 400 marks |
| ● Practical Teaching | 100 marks |

Total	1000 marks
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B. *Certificate courses in Improved Communication in English or ICE(Basic and Advance)*

■ Aims and objectives :

- An overall enhancement of the participant's competence in English in two subsequent phases
- Making the participant a proficient user of English by making them enjoy communicating in English

■ Course Components

- Conversational English
- Developing LSRW Skills
- Remedial Grammar
- Business and Official Correspondence
- Personality Development
- Preparing for competitive Examinations, Job Interviews, and Group Discussion.
- Writing a project.
- Presentation skills

C. Computer Use in Teaching of English or CUTE**■ Course Components**

- Introduction to Computer basics
- Using Microsoft Word
- Creating Power Point Presentation templates
- Making a presentation Using Power Point
- Internet Exploration, Web-search and downloading files from the net
- Using Computers as an aid to Teach English in language classrooms

D. Extension Activities

- Offering Communicative English courses in collaboration with a few undergraduate colleges in and around Kolkata. A process to begin the course to a few other colleges is in the process.
- Offering courses of English for Specific Purposes or Professional and Technical English as when asked by different business houses and academic institutions.
- Rendering expertise in the field of ELT to different statutory bodies like West Bengal Board of Primary Education, West Bengal Board of Secondary Education, West Bengal Council of Higher Secondary Education and likes.

International Collaboration :

1. Preparation of a Trainer Training Module for the Primary Level and Production of an audio-visual training material in collaboration with Oxford Brookes University, United Kingdom.
2. Short-term teacher training with the help of an English Language Fellow from the United States, through the Department of State, Govt. of United States.
3. Signing a Memorandum of Understanding with Spanish Embassy as part of a cultural exchange programme between the Governments of India and Spain in terms of receiving a Spanish Lectureship instituted at the Institute to promote Spanish Studies at the Institute. The Institute has also received Spanish Books and Study Materials from the Embassy as a Goodwill Gesture.

9.3 JOINT ENTRANCE BOARD

WEST BENGAL BOARD OF EXAMINATION FOR ADMISSION TO ENGINEERING, MEDICAL AND TECHNOLOGICAL DEGREE COLLEGES, HOWRAH (or JOINT ENTRANCE BOARD, HOWRAH)

Slater Hall, Bengal Engineering & Science University, Howrah 711103

Ph. : (033) 2668-4890, Fax : (033) 2668-4676

The West Bengal Board of Examination for admission to Engineering, Medical and Technological Degree Colleges was formed as West Bengal Board of Examination for admission to Engineering Degree Colleges in the year 1962 vide Order No. 828-Edn(T) dated 02.03.1962 in terms of an Executive Order issued by the Higher Education Department (Technical Branch), Government of West Bengal, born out of a concept of holding a common admission test for the Engineering Colleges of the State of West Bengal. The basic purpose was to select candidates for consideration for admission to the State Universities/Colleges/ Institutions on the basis of the results of a single competitive examination which would also lead to saving of time, energy and expenditure on the part of the candidates in appearing at number of entrance tests.

Since inception, the office of the Board has been functioning at Slater Hall in the campus of Bengal Engineering and Science University, Shibpur (erstwhile Bengal Engineering College), Howrah – 711103. The Vice-Chancellor of Bengal Engineering and Science University, Shibpur is the Chairman of this Board while twenty nine other Members include the heads of professional Universities/Colleges, Officials from the Departments of Higher Education and Health of the Government of West Bengal and Member-Secretary who happens to be a senior faculty member of Bengal Engineering and Science University, Shibpur. The total number of candidates appearing in all the examinations taken together has increased from 5,000 in 1962 to more than 1 lakh in the year 2005-06.

Following Entrance Examinations are conducted by the Board at present for admission to different professional courses.

JEM – Joint Entrance Examination for admission to Engineering Degree Colleges started from 1962 and Technological Degree Colleges from 1971. Presently Govt. Engineering Colleges, Private Engineering Colleges and Universities in West Bengal admit their students for Engineering and Technology through Joint Entrance Examination. Since 1990 the admission to B Arch Course in two Universities is being held through the Joint Entrance Examination (GDAT). The admission of all Medical/Dental Colleges in West Bengal through Joint Entrance Examination started from 1972. The Degree Courses of Veterinary Sciences & Animal Husbandry and Fishery Sciences awarded by the West Bengal University of Veterinary Sciences admit their students through Joint Entrance Examination from 2004-05. The Degree Colleges of Ayurvedacharya are admitting their students from 1992 and Homoeopathy from 1997, B. Sc. Physiotherapy and Unani from 1999. The students for B.Sc (H) Nursing Course in various Private and Govt. Nursing Colleges are also going to admit their students through Joint Entrance Examinations conducted by the West Bengal Board of Examination.

- JECA** The West Bengal Board of Examination started the Joint Entrance Examination for admission to Master of Computer Application Course (MCA) of Bengal Engineering and Science University Shibpur erstwhile B. E. College and Jadavpur University from 1989. Presently 26 Govt. and Private Engineering Colleges and Universities in West Bengal admit their students of MCA Course through Joint Entrance Examination.
- ELET** Lateral entry admission to 2nd year of the four years course of Bachelor Degree in private and Govt Engineering Technological College Universities in West Bengal through joint entrance examination conducted by the West Bengal Board of Examination from 2002.
- JEHOM** West Bengal Board of Examination also conduct the joint entrance examination for admission to the Bachelor Degree Course of Hotel Management.

A brief outline of different Entrance Examinations conducted by the West Bengal Board of Examination during the year 2005-06 for admission of the students to professional courses in Universities/Colleges in West Bengal.

Sl. No.	Name of the Exam	Name of the Degree Courses	No. of Colleges/ Universities	No. of enrolled candidates 2005-06
1	JEM	i) Engineering/Technological (BE/B Tech) ii) Medical + Dental (MBBS +BDS) iii) B Arch. iv) Ayurvedacharyya (BAMS) v) Homoeopathy (BHMS) vi) B Sc Physiotherapy vii) Unani viii) Veterinary Sc & A H and Fishery Sciences (B.V.Sc. &A H) and B F Sc ix) B Sc (H) Nursing	60 9 + 3 2 2 4 (Govt) + 8 (Pvt) 1(Govt) + 2 (Pvt) 1 1	100111
2	JECA	Master of Computer Application (MCA)	26	3782
3	JELET	Engineering / Technology (through Lateral Entry)	60	7131
4	JEHOM	Bachelor Degree in Hotel Management	3	

Other activities of the Board :

- 1) The Board has decided to introduce Scholarships for the five top rankers in the merit list of JEM both in i) Engineering & Technology and ii) Medical & allied branches.
- 2) The Board sponsored a project regarding statistical analysis of the performance of the candidates of the Joint Entrance Examination conducted by the West Bengal Board of Examination.

9.4 NETAJI INSTITUTE FOR ASIAN STUDIES (Estd. 1981)

1, Woodburn Park, Kolkata - 700 020

Telefax : 2247-3145; Telephone : 2283-5079; Email : nias@cal2.vsnl.net.in

Established in 1981, the Netaji Institute For Asian Studies is a Social Science research institute sponsored in the Department of Higher Education, Government of West Bengal.

On the strength of a regular maintenance grant from the state government and mobilization of additional resources the Institute has been pursuing its mandated research agenda on (a) Indian National Movement, especially the role of Netaji Subhas Chandra Bose and the Indian National Army, (b) Trends in the nation-building processes in South and South-East Asia and (c) Asian relations.

I. The Faculty :

- (i) Dr. Suranjan Das, Pro-Vice-Chancellor for Academic Affairs, University of Calcutta, is functioning as the Honorary Director of the Institute.
- (ii) Dr. Mamata Desai is Professor, Department of Ecology and Environment.
- (iii) Dr. Ramkrishna Chattopadhyay is Assistant Professor, Department of Social and Political History, till 31st July 2005. Currently is an Honorary Fellow of the Institute.

II. On-going Research Projects of the Institute :

- (i) 'Documenting the Turning Points in the Protest Politics of West Bengal 1960 – 1967', coordinated by Professor Suranjan Das and Dr. Premangshu Bandopadhyaya.
- (ii) 'Nationalist Propaganda and the British Raj: A Documentary Survey', Coordinator, Prof. Suranjan Das, Director, NIAS and Prof. Basudeb Chattopadhyay, Director, West Bengal State Archives and Asutosh Professor of Medieval and Modern India History, University of Calcutta.
- (iii) 'Mapping and Analysis of Land Use and Land Capability of Darjeeling Hill Areas' coordinated by Professor Mamata Desai.

- (iv) 'Socio-economic Impact Assessment of the Underprivileged Groups and Rapid Urban Development' coordinated by Professor Mamata Desai.
- (v) 'Linguistic and Cultural Heritage of North Bengal' coordinated by Dr. Ramkrishna Chattopadhyay.
- (vi) 'Marginal Groups in Kolkata', coordinated by Dr. Ramkrishna Chattopadhyay.
- (vii) A collaborative project on 'Women in Kolkata Slums' with Kolkata Socio-cultural Research Institute.
- (viii) 'Select Documents on Swadeshi Movement in Bengal', coordinated by Professor Hiren Chakrabarti.
- (ix) 'Politico-economic development in Rural Bengal Panchayat System — the role of women' coordinated by Professor Chitra Ghosh.
- (x) 'Towards a Social History of Vintage Calcutta — B. B. D. Bag as a Heritage Site' coordinated by Professor Basudeb Chattopadhyay.
- (xi) 'Netaji Subhas Chandra Bose's and Municipal Administration in Calcutta' coordinated by Professor Ramkrishna Chattopadhyay.
- (xii) 'Economic Importance of SHGS for Women Development' coordinated by Professor Mamata Desai.
- (xiii) 'Potentials of South Asian Regional Cooperation' coordinated by Professor Suranjan Das.
- (xiv) 'Changing Ecological and Demographic Profiles of the Tea Gardens in the Kurseong Subdivision of Darjeeling District' coordinated by Professor Mamata Desai.
- (xv) 'Geological survey for suggesting remedial measures in respect of the rehabilitation of NH 55 – Giddhapahar area at km 34 on NH 55 in the district of Darjeeling – West Bengal' coordinated by Professor Mamata Desai, sponsored by the National Highway Authority of India, Government of India.

III. Important Seminars / Workshops organised by the Institute :

- 1) Shri Nikhilesh Das, former Principal Secretary, Department of Relief, Government of West Bengal and Dr. Chinmoy Chakraborty, former Senior Deputy Director General of Geological Survey of India, spoke on 'Water Resource Management' on 28th October 2005.
- 2) Professor Jayantanuj Bandyopadhyay, formerly of Jadavpur University, Prof. Achin Vanaick of Delhi University and Mr. Siddhartha Varadrajan of *The Hindu*, spoke on 'How Independent is India's Foreign Policy' to a seminar jointly organized in collaboration with the Peace Studies Group, Department of History, University of Calcutta on 09.12.2005.

ACADEMIES AND ORGANISATIONS

- 3) A seminar on 'Sustainable approach to disaster management', Professor Pijush Kanti Saha, Vice-Chancellor, North Bengal University, addressed a jointly organized by Netaji Institute for Asian Studies and Department of Geography and Applied Geography, North Bengal University, on 17th December 2005 at Giddha Pahar Centre of the Institute
- 4) Professor Deb Kumar Bose, former Professor of Indian Statistical Institute, Kolkata, delivered the Annual Netaji lecture on the occasion of the Netaji Birthday celebration on 23rd January 2006, which was inaugurated by Shri Gopalkrishna Gandhi, Hon'ble Governor of West Bengal. Professor Satya Sadhan Chakrabarti, Hon'ble Minister-in-Charge for Higher Education, Government of West Bengal, presided over the occasion.
- 5) Organised a symposium in collaboration with the Paschim Banga Itihas Samsad on 'Historical Perspectives of India' on the occasion of the 22nd Annual Conference of the Paschim Banga Itihas Samsad, from 24th to 25th January 2006.
- 6) Organized a Panel Discussion on 'Swadeshi Movement and the Partition of Bengal' in collaboration with Visva Bharati on the occasion of the 66th Session of the Indian History Congress held in between 28th January and 30th January 2006 at Visva Bharati.
- 7) In collaboration with the Calcutta University Officers' Association-International Seminar, University of Calcutta organized a seminar on 'Higher Education Administration in Developing Countries' from 4th to 6th February 2006 on the occasion of the 150 years of the University of Calcutta.
- 8) Organized a seminar on 'Environment, Livelihood and Development in South Asia: Historical Probing in a Comparative Framework' between 6 and 8 March 2006, in collaboration with the Department of History, University of Calcutta.
- 9) Professor Roger Hansell, Director, International Innovation Project, University of Toronto, and Professor Biswajit Ganguly, University of Toronto, spoke on 'The concept of Environmental Peace Related Activities' on 10th March 2006.
- 10) Organized a seminar on 'Mapping and GIS as a Tool for Environmental Management' for Junior Scientists on 15th March 2006.
- 11) Professor S. D. Muni of JNU, New Delhi, Professor Jayanta Kumar Ray, Chairman, Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata, Prof. B. Vivekanandan, formerly of JNU, New Delhi, and Dr. Biju Paul Abraham, IIM, Kolkata, delivered their lectures on 'EU & SAARC: A Comparative Analysis' on 17th March 2006.
- 12) Organized an international seminar on "Arabic & Persian Studies in Bengal: Peace as Value in Literature" from 20th to 22nd March 2006 in collaboration with Department of Arabic and Persian, University of Calcutta.

- 13) Organised a national Seminar on 'Cultural Practices of Bhadrakalok in Bengal: Pedagogy and Ideology' on 23rd and 24th March 2006 in collaboration with the Department of History, Jadavpur University.
- 14) Organized a seminar on 'Sustainable Development and Environmental Management' on 25th March 2006 at the Institute's Giddha Pahar Centre in Kurseong, in collaboration with North Bengal University.

IV. Seminars/Workshops attended by Faculty members :

(i) Dr. Suranjan Das :

1. Participated in an interactive session at the **Institute of South Asian Studies, National University of Singapore, November 2005.**
2. Delivered Dr. S. P. Sen Memorial Lecture at the **Institute of Historical Studies, Kolkata** in June 2005.
3. Sanat Lahiri Memorial Lecture on 'Globalisation and Challenges in Higher Education in India', at Public Relations Society of India, Kolkata Chapter, to be delivered in April 2006.
4. Regularly participates in national/international seminars and workshops organised by **Calcutta University, Jadavpur University, Burdwan University, North Bengal University, Rabindra Bharati University, University of Kalyani, North-East Hill University, Jamia Millia Islamia and University of Hyderabad** in History, Politics and International Relations.

(ii) Dr. Mamata Desai :

1. Attended one-day workshop on 'Data Quest-E-Government Summit' organized by the Department of Information & Technology, Government of India, on February 24, 2006.
2. Invited as the coordinator for guiding the Dissertation of Environmental Management Programme for Final year student of Indian Institute of Social Welfare & Business Management, Kolkata.

V. Important Recent Publications of the Institute :

- (i) *Asian Studies* (Institute's biannual journal).
- (ii) Basudeb Chattopadhyay, *A Jingle of Bells : A Short History of the General Post Office Kolkata* (Kolkata : 2004) Awarded Rabindra Puraskar, 2005.
- (iii) Mamata Desai, *The Basic concept of Environmental Pollution Control Technology* (jointly with West Bengal State Council of Technical Education).

- (iv) Mamata Desai (ed.) *The Interlinking of the Indian Rivers – An Impact Assessment* (Kolkata 2005).
- (v) Mamata Desai *Tribal Literacy Programme and the Tribe – The Primitive Tribes of West Bengal* (to be published shortly).
- (vi) Mamata Desai (ed.) 'Family Among the Lodhas of West Bengal' in *Primitive Tribes in Contemporary India* (Kolkata: 2005).

VI. The Library :

With the financial help from the Government of West Bengal the Institute has been able to enrich its collection on Indian national movement, post-colonial developments in South Asia and Asian relations. A scheme has been undertaken to revive the Newspaper Clippings section of the Library. The books in Library have also been catalogued, both author-wise and subject wise.

VII. Netaji Museum and Centre for Studies in Himalayan Languages, Society and Culture :

The Museum and Centre was set up in the house of Sarat Chandra Bose at Giddhapahar Kurseong under the aegis of NIAS. The Indian Museum has taken up the work to develop a gallery on the Bose brothers and Indian Freedom Movement. In 2004-2005 a number of seminars / workshops were held on aspects of Indian Freedom Movement and contemporary issues like public health and education.

9.5 NATIONAL SERVICE SCHEME (N. S. S.)

The National Service Scheme is a noble Youth Activity of our country started in 1969 on the occasion of the birth centenary of Mahatma Gandhi. The main objective of NSS is 'Education through Community Service'. " Not me but you" is the motto of NSS which means every person should realize that not he alone or she alone is important but the society in which he or she lives is on the whole important. NSS activities are multipurpose as well as multidimensional in their nature. And in practice, these activities take an important part to the service of mankind and in execution of the process of formation of the future generation of the country through various constructive programmes. The phenomenal success of Science and Technology in his service has made man forget the long cherished values such as love, peace, co-operation and tolerance etc. Materialism and its comfort shifted the importance of life to mere acquisition of material health. Further Globalisation has thrown the values out of greater life. The modern dehumanised materialistic civilisation has been neglecting human values. And, it is only the NSS activities which can lead young ones to become more meaningful and fruitful to the society which in an extended sense encompasses the entire humanity. As NSS has

launched the movement of Awareness, Sensitization, Motivation, Dedication, Service etc. its thousands of volunteers as well as dedicated teachers from schools and colleges are always active and sincerely busy in inculcating the basic principles and values of NSS among the student community through their society- friendly programmes and issues as Environment Enrichment and Conservation, Women's Development and Gender Justice, Production orientated programmes, Education and Recreation, Health, Family Welfare and Nutrition of the weaker section of the society, Social Service, Relief and Rehabilitation, Socio-Economic Surveys, Health Awareness and Scientific Awareness Generation etc. Involvement of Youth in Social Activities is a crying need of the day. Social responsibility shouldering should be taught through projects like NSS.

West Bengal is one of the first few States where NSS has been introduced since its inception in the country in 1969,. But over the years, it could not hold the momentum and has now slipped from the top rung in the arena of NSS. In the days to come, NSS activities will further be strengthened to take it to the optimum level by sincerity and commitment of all concerned.

An overview of activities undertaken by N.S.S. :

There are two broad categories of work done by the N.S.S. volunteers (i) Regular activities and special camping programmes. All the N. S. S. units under different Universities have undertaken regular activities and special camping programme as usual. An in other years, many N.S.S. volunteers from West Bengal also participated in the National level N.S.S. camps, particularly in the National Integration Camps held elsewhere in India and brought a number of laurels.

It is a matter of great satisfaction that Sri Sachidananda Roy, recipient of Indira Gandhi N.S.S. National award as a volunteer for the year 2004-2005 was selected for 18th ship for "World - Youth Programme" by the Ministry of Youth Affairs and Sports and visited Japan on and from 9th Jan. 2006 to 3rd March,2006.

State level workshop on "Disaster Management" for N.S.S. functionaries :

A state level workshop for functionaries of NSS on Disaster Management was held at the Jadavpur University campus and Deptt. of Higher Education had sanction Rs. 1,50,000/- for the noble cause. Almost 200 N.S.S. programme officers and Programme Co-ordinators of different Universities participated in one day workshop with special focus on building the knowledge, aptitude and skill of the communities in holistic disaster Management including disaster response which will improve the capabilities of youth organisations specially N.S.S. volunteer of the state (approx. 70,000) for mounting a more effective and speedier Disaster Response. The National Institute of Disaster Management, New Delhi had joined hands and supported the workshop with their kind presence and presentation of important aspects. Several other eminent speakers have also remained present.

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An orientation programme for state liaison officer on Disaster management were also held at New Delhi and S.L.O. West Bengal participated in the two days workshop at Delhi.

The Universities in West Bengal had arranged several orientation and workshop for N. S. S. officers and volunteers on Disaster Management during the year 2005-2006 successfully.

“AIDS walk for life”

An all India Campaign on AIDS Awareness and prevention, the “AIDS walk for life 2004-2005” has been undertaken by P.C.I. which was started from New Delhi in Dec.2004, a large group of walkers have performed the walk for an year which covered 15 states on and around the golden quadrilateral National Highway. In West Bengal the Health & Family Welfare department while co-ordinating the walk in West Bengal requested N.S.S. volunteers and functionaries to come forward in the walk on and from 19th August to 16th Sept. 2005. The N..S.S. units at various school/ colleges and universities were requested to support the walk. We feel happy that Vidyasagar University N.S.S. officers and volunteers, Jadavpur University, Calcutta University and Burdwan University have extended full co-operations, participated in the walk and successfully helped to complete the year long AIDS Awareness rally.

9.6 PASCHIM BANGA HINDI ACADEMY

1, Bankim Chatterjee Street,

(In the Old Building Complex of the Government Sanskrit College)

Kolkata -700 073, Phone: 219-1277

The Paschim Banga Hindi Academy founded in 1990 functions under the administrative control of the Department of Higher Education.

I. AIMS AND OBJECTIVES

The main objective of the Academy is to encourage the study of Hindi language and literature in the State of West Bengal, especially among the non-Hindi speaking people, both the rural and urban areas. The other objectives of the Academy are :

- (1) to encourage and undertake translation of Bengali classics and scholarly works in Bengali on literature, history, science and technology – into Hindi;
- (2) to publish Hindi text books for different classes following the syllabi and curricula meant for non-Hindi speaking people;
- (3) to undertake and encourage research in Hindi language and literature, etc.

II. STRUCTURE

The academy has a General Council consisting of 61 members, a Governing Body consisting of 23 members. The Governing Body has constituted five sub-committees consisting of 5 members each. The Chief Minister, Government of West Bengal and the Minister-in-Charge of Higher Education Department, Government of West Bengal are the Chairman and the Vice-Chairman respectively of the Paschim Banga Hindi Academy.

9.7 WEST BENGAL DISTRICT GAZETTEERS

One of the important activities of an academic nature which the State Government have undertaken after the independence is the revision, compilation and publication of the District Gazetteers of the State. Though the term gazetteer connotes a geographical dictionary, but in its present endeavour it is a comprehensive account of a district in highest possible attention. In this age of information storage, control and dissemination, a gazetteer may serve the public demands from all walks of life – because the nature of this particular genre of government literature has been regarded as the core and authentic source.

Presently, this office has undertaken to publish updated edition of District Gazetteers in Bengali, one of its kind Murshidabad is already out of print just after its publication. It was a co-publication with financial assistance borne by the District Magistrate, Now, it is Uttar Dinajpur District Gazetteer in Bengali, of which the initial draft have already been prepared by the district cell of gazetteer; after going through carefully and with some additional informations and re-writing some of the chapters and said gazetteer is expected to be completed in this year, this gazetteer will be published exclusively under the head of account of this office.

Apart from, two valuable records of archival importance on Sunderbans have already been published, say, F. E. Pargiter's Revenue History of the Sunderbans and F.D.Ascoli's Revenue History of the Sunderbans – over the years, these two have been considered most valuable well-researched colonial documents of the Sunderbans. It is also expected that the volume IV under the series Rivers of Bengal will be coming out soon.

Staff pattern of the office

The staff pattern in this office is quite different from other offices; as this office is a publication-oriented one with its own accounting system; Editorial/Research/Publication Wings; Own Library enriched with precious rare books; own Sales Counter, etc. Having been set up in 1959 at the instance of the Government of India, the office has been writing/compiling/revising/editing and publishing West Bengal District Gazetteers and allied literature, initially under the guidance of the Expert Committee of the Government of India and then the State Advisory Committee.

9.8 WEST BENGAL STATE ARCHIVES

43, Shakespeare Sarani, Kolkata -700017 (Ph.No.22810661)

6, Bhowani Dutta Lane, Kolkata -700073 (Ph.No. 22413966/22411044)

Writers Buildings, Block II, Ground Floor, Kolkata -700001 (Ph.No.22141339).

West Bengal State Archives is the oldest repository of Government records in the country. Besides its primary duty of preservation of records it plays an important role in generating awareness about public records among common people. At present it functions from three wings viz. (a) Historical Section at 6, Bhavani Dutta Lane, Kolkata-73, (b) Current Section at Writers' Building, Kolkata-17. Historical Section is the storehouse of the documents prior to 1900 and Current Section preserves documents of post 1900 period. The functional Building deals with the I.B. records so far transferred to the Archives and also the P.W.D. records. Besides, there is also a Photo Archives and a Permanent Gallery in the New Functional Building.

Organisational Structure

The West Bengal State Archives is headed by the Director who is assisted by one Deputy Director Two Assistant Directors, Two Chief Archivists, Six Archivists, Fourteen Assistant Archivists, One Micro Photographer and other Archival and Administrative Staff Members.

The year 2005 being the Centenary Year of Promulgation of Partition of Bengal (1905), West Bengal State Archives took up some innovative programmes throughout the year in order to make the centenary year of 'Partition of Bengal and Its Aftermath' truly a celebratory one.

Public Exhibition :

Keeping in view the Centenary Year of "Partition of Bengal and Its Aftermath", the West Bengal State Archives has observed its Annual Archives Week Programme from 24th-30th March 2006 in its New Functional Building at 43, Shakespeare Sarani, Kolkata-17. The Hon'ble Governor of West Bengal Shri Gopal Krishna Gandhi inaugurated the programme and opened an Exhibition of Archival records pertaining to the theme. The seminar, organized on the inaugural day of the Archives Week was addressed by Professor Suranjan Das, Pro-Vice-Chancellor (Academic), University of Calcutta, Professor Bharati Roy, Historian and former member of Rajya Sabha, Shri Jawhar Sarkar, Principal Secretary, Higher Education Department and, finally, by the Hon'ble Governor himself.

The Seminar and the exhibition succeeded in generating considerable interest among the public and evoked favourable response in the media. The event was given extensive coverage in the national dailies and leading T.V. channels.

West Bengal State Archives has organized exhibition on Anti-Partition Movement in Bengal (1905-1912) in collaboration with the Asiatic Society, Kolkata and Bangiya Sahitya Parishad at their premises on 7.8.2005 and 14.08.2005 respectively. Both the exhibitions attracted wide attention of students, scholars and eminent personalities.

Project on Historical Events of Contemporary Relevance :

Being the principal repository of records of Govt. of West Bengal, the State Archives has carried out different programmes to celebrate the Centenary Year of the "Partition of Bengal (1905) and its aftermath" which includes (1) Selection of relevant records for publishing on this occasion; (2) Preparatory work for making a C.D. version of the event based on archival records.

Opening of a Computer and Digital Unit :

To keep pace with the modern reprographic technology and to introduce quickest retrieval system, the West Bengal State Archives has strengthened its reprography unit by setting up one computer and digital unit by procuring latest equipments for the purpose.

Inspection of Libraries :

As a part of the Central Govt. Scheme of Financial Assistance for Preservation of Manuscript/Rare books, archival officers have inspected the holdings of this following libraries and institutions.

- a) Shibpur Dinobandhoo College Library
- b) Maulana Azad College Library
- c) Serampore College Library
- d) Serampore Public Library
- e) Youngmens Association, Seoraphuli
- f) Bangiya Puran Parishad, Shantipur
- g) Bangiya Sahitya Parishad, Midnapore
- h) Sisir Bani Mandir Pathagar, Guptipara
- i) Department of Information and Cultural Affairs, Govt. of W.B.
- j) Anushilan Bhavan Trust Board
- k) Bankim Bhavan Gabesana Kendra, Naihati
- l) Centre for Study and documentation of *Rarh* Culture, Bhadul, Bankura.
- m) Project Proposal 'Discovery of Kolkata' submitted by Shri Amitava Mukherjee.

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On recommendation of West Bengal State Archives almost all institutions both government and non-government who applied for assistance from N.A.I. have been sanctioned grants for preservation of their documents.

Publication :

Publication of records in order to make them accessible to public is an important dimension of the activities of West Bengal State Archives. One brochure entitled "Bengal: 1905—1911, Events and Memories" was published on the occasion of Archives Week Celebration, 2005.

Preparation of one publication under Central Assistance Scheme, entitled 'List of Select Documents on Calcutta — 19th century' has been completed. Printing of the same is on process.

Participation in Seminars, Meetings :

As a part of their official function archival officers attended several seminars, meeting, workshop etc. in order to enrich their knowledge about recent development of archives in different parts of the country and abroad and also to keep themselves aware of the recent trends of research in different fields of social sciences.

Topic of the Seminar	Name of Sponsor Organisation
Recent trends in Conservation of Paper objects and Oil paintings.	Victoria Memorial Hall.
Dasnami Naga Sanyasis and the Regional Politics of India. (Paper presented by Dr.A. Bhattacharyya, Chief Archivist)	Asiatic Society, Kolkata.
National Education and Bengal Partition on 1905 (Paper presented by Dr. A. Bhattacharyya)	Raigang College.
Revolutionary Movement in India with special reference to Women(Paper presented by Dr.A. Bhattacharyya). Revaluating the Humanities in the Contemporary Backdrop (Paper presented by Dr A..Bhattacharyya).	North Bengal University. Birbhum Mahavidyalay
Gandhi and Modern India	Dept. of History University of Calcutta
The Contemporary Relevance of Gandhi	Dept. of History University of Calcutta
The Santal Hool	Jadavpur University

Conservation :

Conservation of records is the primary function of Archives. This year attempt has been made for restoration of P.W.D. records, I.B. records as well as photographs of the revolutionaries received from the I.B.

Assistance to Other Institutions :

W.B.S.A. has provided copies of records to Andaman and Nicobar Administration, Calcutta Port Trust and the University of Calcutta. A copy of the rare photograph of Rebati Barman has been given to the National Book Agency for the Birth Centenary Publication on late Barman.

On request, W.B.S.A. has sent copies of records relating to Alipore Bomb Case, to the Museum, Supreme Court of India for an all India exhibition scheduled to be arranged by them.

In response to the request from Institute De Chandernagore, a team of Archival officers were deputed for appraising documents of the Institute's archives/library. Archival officers have prepared a report with the suggestion for improvement of the state of the documents preserved by the Institute. This report has been submitted to the Hon'ble Governor of W.B. Shri Gopal Krishna Gandhi who is the Chairman of the Executive Committee of the Institute.

Raj Bhavan Archives :

As desired by the Hon'ble Governor of W.B., Shri Gopal Krishna Gandhi, W.B.S.A. has deputed a team of Archival Officers for appraisal of Rajbhavan's records preparatory to the setting up of an archives in Rajbhavan. The work has made satisfactory progress.

Miscellaneous :

Professor Basudeb Chattopadhyay, Director of Archives was awarded 'Rabindra Purashkar' by the Govt. of West Bengal, this year, for his book entitled "A Jingle of Bells : A Short History of the General Post Office, Kolkata". Being the Member of Grants Committee of the National Archives of India he attended the Grants Committee Meeting on 14.6.2005 in Delhi in connection with the sanction of Financial Assistance for the preservation of Manuscripts/Rare Books during 2005-06. Professor Chattopadhyay is also a member of the Board of Studies, School of Archival Studies, National Archives of India and, as such, has attended the meeting held in New Delhi on 14.6.2005.

Professor Chattopadhyay presented papers or delivered keynote addresses in different seminars, organized by the Jawaharlal Nehru University and India International Centre, New Delhi, North Bengal, Jadavpur, Kalyani and Visva- Bharati Universities. He was a speaker in the special panel on 'Bengal partition and its Impact' organized by the Indian History Congress this year. He published a book in Bengali on the 'Partition of Bengal: its antecedents and aftermath'. He also assisted the UPSC and the PSC as an advisor. He is also serving as Asutosh Professor of Medieval and Modern Indian History, University of Calcutta.

9.9 WEST BENGAL STATE BOOK BOARD

6A, Raja Subodh Mallick Square (8th Floor),

Kolkata-700013

Telephone : 2236-7854

Sales Counter : - 1, Bankim Chatterjee Street (Ground Floor of Sanskrit College School Premises), Kolkata - 700 073.

Pursuant to the recommendation of the Kothari Commission on 'Media Transfer' to implement the programme of switching over to regional languages as the medium of instruction at the level of Higher Education, Book Boards were formed in different States in the country. Accordingly, in the year 1970 the West Bengal State Foundation for Text Book Board was formed and registered under the West Bengal Societies Registration Act.

The authority of general superintendence, direction and control of the Society is vested in the Board of Governors of the West Bengal State Book Board. The Minister-in-Charge of Higher Education, West Bengal is the ex-officio Chairman of the Board. The Principal Secretary, Department of Higher Education is the Vice-Chairman and the Chief Executive Officer, is the Member-Secretary of the Board.

The maintenance cost of running the Board is borne by the Department of Higher Education of the Government of West Bengal. The Government of India provides assistance for the publication of text books on the basis of proposals prepared by the Board.

The number of publications of the Board has been on the increase. It rose from 766 in 2000-2001, 783 in 2002-2003 to 792 in 2003-2004, 801 in 2004-2005 and 820 in 2005-2006.

The Board publishes text books for the use at the undergraduate and postgraduate levels of studies. The publications also cover terminologies, dictionaries and monographs in science for students and general readers.

The academic disciplines in which the Board has so far published books are as follows :

(1) Agriculture, (2) Botany, (3) Chemistry, (4) Commerce, (5) Computer Science, (6) Defence Studies, (7) Economics, (8) Environmental Studies, (9) Geography, (10) Geology, (11) History, (12) Journalism, (13) Law, (14) Literature, (15) Library Science, (16) Mathematics, (17) Music, (18) Physics, (19) Physiology and Medical Science, (20) Popular Science, (21) Philosophy, (22) Political Science, (23) Sanskrit, (24) Sociology and Human Studies, (25) Statistics, (26) Teachers' Training, (27) Zoology, (28) Physical Education.

In the year under review the Board concentrated on the publication of syllabus oriented text books. In 2002 the University of Calcutta thoroughly revised the syllabus of all subjects and the Board was considered as the principal organisation who are experienced in the publication of such text books. Therefore special efforts were made to constitute subject committees for a couple of subjects. So far 11 new books, as per the new syllabus and about 10 new editions and the reprints were published during this period. This is in consonance with the stand taken by the Commission for Scientific & Technical Terminology, Government of India as expressed by its Chairman in a recent meeting held on 20.03.2006 at New Delhi.

The Board participates in the Book Fairs in different places both within and outside the State and get good response there.

9.10 WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

The West Bengal State Council of Higher Education, established under West Bengal Act XXXVII of 1994 started functioning in April 1995. Office of the Council is located at 147A Rashbehari Avenue, Kolkata 700029 in a building owned by the Higher Education Department. Functions of the Council, as stipulated in the Act are stated below :

- (a) Planning and coordination in the area of higher education in the State including co-operation with the UGC.
- (b) Academic functions e.g. curriculum development, teachers' training and encouragement of sports, games and extension activities.
- (c) Advisory functions in determining the basis and amounts of block maintenance grants, linking research with educational institutions and industry, framing and amendment of university statutes, regulations etc.
- (d) Allocation of grants to different universities and colleges and make enquiries regarding utilization thereof.

Activities of the Council since its inception :

West Bengal State Council of Higher Education, within a decade of its constitution, has gradually evolved into the Apex Body of higher education in our State, as envisaged in the guidelines issued by University Grants Commission, under the Chairmanship of Prof. Satyasadhan Chakrabarty, Minister-in- Charge, Higher Education Department, Govt. of West Bengal.

The completion of more than ten years of its existence is an occasion when we can look back to see what has been achieved, what has been planned but not implemented and what should have been attempted to achieve.

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The Council, one of the earliest of our country, was assigned the task to bring a desired level of uniformity and cohesion in the academic and administrative activities of the Universities of our State, to formulate action plan and policies towards general improvement of the quality of higher education throughout the State, opening up new opportunities for our aspiring young generation, to make the system flexible and competitive enough to face the challenges of the fast changing aspirations and priorities of our young generation and to withstand the pressure of the globalised economy

If we look at the higher education scenario in our State, the first thing which one cannot fail to notice is that considerable expansion of opportunities has taken place in the basic science as well as humanities stream and in technical education in particular. Within the span of first four years of Tenth Five Year Plan, 19 new degree colleges, out of which 10 are in pay-packet scheme, have come up primarily in the rural and backward areas. However most significant change has taken place in the arena of technical and professional streams. Even a few years ago, we had in our State only a handful of State-aided Engineering Colleges including two very reputed institutions, Jadavpur University and B. E. College, then enjoying Deemed University status, as well as the well known technical departments of Calcutta University like Department of Applied Physics, Applied Chemistry, Radio Physics and Electronics etc. But the number was too small to cater to the rising demand for technical education within our State. As a result, a large number of students from our state used to migrate to several southern states as well as to Maharashtra to study different courses in Engineering and Technology. Today situation is reversed, so much so that in the current year, several thousand students from outside have applied for appearing in Joint Entrance Examination. This turn around has been made possible due to a very bold decision taken by the State Government to allow opening up self- financed Private Engineering Colleges throughout the State. Today the number of such colleges is around 55, spanning the entire length and breadth of our State. In the same vein, the number of B.Ed/B. P. Ed and other professional institutions has increased to 66 and 43, respectively, a great leap forward within a very short span of 5-6 years. To co-ordinate the teaching learning processes in so many technical and related professional Colleges, a new University, West Bengal University of Technology has also been established. Another important feature during this period is added emphasis on the expansion of Distance Education Mode through establishment of Netaji Subhas Open University and opening up the same in several traditional Universities like Burdwan and Medinipore to provide student-centric education in traditional as well as in Professional, Technical and Career Oriented Courses. Other notable features are (i) opening up Undergraduate Courses in several subjects, not taught earlier at this level e.g. Computer Science, Electronics, Micro-biology, Bio-Chemistry, Journalism & Mass Communications, Defence Studies, Human Rights, Nutrition etc. (ii) introduction of new vocational courses and specially (iii) allowing a few undergraduate colleges to offer Post- graduate Courses in several traditional as well as emerging areas.

Special features of creation of these additional facilities is its balanced nature in the sense that unlike in many socalled advanced states, due emphasis has been given on studies in basic science, humanities and social sciences. In fact, so far as Arts and Humanities are concerned in a recent

survey Calcutta University has been placed at 39th position among all the Universities across the world, ahead of Universities like Sussex, Heidelberg, Johns Hopkins, among others. Recently UGC has launched a special project on interdisciplinary research activities in Social Sciences and Calcutta University has been chosen as its Centre to coordinate the activities for the Eastern Region. In all major scientific Research establishments across the country, significant number of young researchers working there have completed their Postgraduate Education in our state. In spite of so many slants published in the media about the "poor" knowledge in English of our students, if one look at the state-wise distribution of young engineers and technologists working in well known companies both within India and in abroad, West Bengal comes near the top.

Other notable features are introducing a new culture whereby the colleges and universities were encouraged to generate their own resources through several measures like increasing the student fees within a limit prescribed by the Council, opening up self- financed courses mainly in emerging areas, receiving donations from the alumni and the public, in general etc. The colleges under pay-packet scheme are allowed to retain the additional amount thus generated for their developmental purposes. This is an important step towards granting partial financial autonomy to these colleges. Efforts are being made to extend similar autonomy to the Govt. Colleges also.

To maintain parity with all India pattern, the duration of the General Degree Courses offered by our Universities were changed from two to three years.

Proper Rules and Regulations were formulated following the guidelines of Bar Council of India for conducting Undergraduate Courses in Law.

So far as ensuring more uniform distribution of educational facilities throughout the state is concerned, the following features may be noted. Traditionally, Kolkata had been the only centre for Higher Education in West Bengal. In keeping pace with growing aspiration of our people for Higher Education and changing focus of economic and industrial activities, several Educational Hubs have come up in different places of our State, like Bidhannagar, Kalyani, Durgapur, Haldia, Siliguri and others. This is a very encouraging trend so far as extending the facilities of Higher Education to every nook and corner of our State.

It is not only the expansion of facilities but up-gradation of quality of education through syllabus revision, creation of much needed additional infrastructural facilities in newly established as well as in old institutions, ensuring academic and administrative disciplines in Colleges and Universities, modification in the examination pattern, better coordination among the institutions and several other related measures, has also received due attention of the Council since its inception. The Council has repeatedly emphasized that in view of the financial constraints of the State Govt. new and innovative measures have to be taken if we want to make maximum possible utilization of our available human, infrastructural and financial resources. It may be mentioned in this connection that in spite of the fact

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that our State spends a very considerable portion of the budget allocation towards maintenance and expansion of higher education sector, the plan expenditure is much below what is needed even for maintaining the quality of education let alone its improvement. The problem is compounded due to very meagre amount being spent by UGC for the State- aided colleges and Universities throughout the country. In this background, the Council mainly at the initiative of our Chairman has introduced an innovative concept of conferring on some of our reputed colleges the status of 'Lead Colleges.' The Colleges thus designated should receive additional grant from the State to improve their existing infrastructure and to add some new. These Colleges, in turn, would strive to help some of the neighbouring colleges to improve their standard of teaching learning process by opening up their own much better infrastructural and human resources for utilization of these colleges and providing them necessary help and guidance. Another related concept of forming a cluster of colleges who would willingly share their all resources for mutual benefit has received great appreciation of UGC and they have accepted it as a unique concept to be propagated throughout the country.

The Council also drafted 'Higher Education in the Next Decades-Policy for the State of West Bengal' which was the subject matter of discussion of a large number of very reputed academicians, scientists, Vice Chancellors both present and former, members of State Planning Board and very high officials of Higher Education Department, in a workshop, especially convened for this purpose. Based on the comments, observations and suggestions received from the experts, the policy document is under process of being given a final shape. .

Reconstitution of the composition of the Governing Bodies of the State-aided as well as self -financed ones, in the changed scenario, modification of the Acts/Statutes/Rules and Regulations in the State-aided Universities, further empowerment of the State Council and bringing uniformity in the service conditions of different categories of employees of these Universities, have also been suggested by the Council for consideration of the State Govt. as well as the concerned Universities.

Another important achievement of the Council is its success in sensitizing the colleges towards opting for NAAC accreditation. In the initial stage, there were large-scale misgivings among the academicians in our State about the necessity and futility of this accreditation process. It is mainly at the initiative of the Chairman, the Council made sincere efforts in not only sensitizing but also providing necessary support and expertise to the undergraduate colleges in preparation of self- study report and acquainted them of the entire procedures. As a result, whereas by the year 2000 we had in our state only one college accredited by NAAC, now the figure is around 106.

These are some of the achievements of the Council which have been made possible under the leadership and guidance of the Chairman and with active support of all the functionaries and members of the Council.

However, the Council has a long way to go. In addition to the tasks which have already been mentioned, there remains several other areas where Council should take more proactive role in the coming days. With the expansion of the facilities both in the state and in private sectors, the need for proper monitoring and framing guidelines for not only sustenance but also improvement of the quality of education is urgently needed. The Council should seriously ponder over striking a balance between meeting ever-increasing demand for access and quality and also ensuring that the students belonging to the underprivileged sections are not left outside the arena of higher education. In view of general decline of interest, throughout the country, in studying traditional subjects including basic science, and in the pursuit of serious research (one of the most important objectives of higher education) the very sustainability of the entire system may be going to be threatened. To formulate a proper strategy to face this alarming situation and to find out ways and means to attract the students to more serious study and research in the so-called traditional subjects should be one of the priority areas of the Council's activities. Without having a strong base in basic subjects, one cannot venture into any new and emerging areas, whether it belongs to the discipline of science, technology, humanities or social science.

To create an atmosphere where people would not only realize but also try to translate into practice, better co-operative ventures among the colleges, between colleges and universities, universities and research institutes and to set up active interface between the academia and the industry is also an important task.

Reduction in gender disparity in so far as student enrolment in all the disciplines is concerned, more equitable distribution of student profile in our universities cutting across economic, social and religious barriers, instilling a sense of involvement and dedication of our teaching community as a whole, encouraging more and more research activities in our undergraduate colleges without jeopardising normal teaching, suggesting new sources of revenue generation are some of the areas where the Council should take some initiatives in due course of time.

9.11 WEST BENGAL COLLEGE SERVICE COMMISSION (WBCSC)

6, Bhawani Dutta Lane (4th floor)

Kolkata – 700 073

Ph. No. Chairman : 2241-4679, Secretary 2241-6675

Office : 2241-2920, Controller of Examinations 2241-6674, Members 2241-1922

Fax No. : 2241-4679

The West Bengal College Service Commission came into existence on November 02, 1979 in terms of Act LXII of 1978, the three main functions of the Commission are :-

ACADEMIES AND ORGANISATIONS

- 1) To prepare merit panel of eligible candidates for the post of Lecturer in different subjects as well as Principals in different Government aided Colleges.
- 2) To recommend candidates for appointment as Lecturer as well as Principal.
- 3) To conduct State Level Eligibility Test (SLET) for Lectureship in Universities and Colleges (accredited by UGC).

As per Notification in the Kolkata Extra-ordinary Gazette dtd. 29th August-2005 the West Bengal College Service Commission(Amendment) Act-2005, is being effected from 01-09-2005. The whole time Members of the Commission except the Chairman has been ceased to hold office w.e.f. 01-09-05.

There shall be five zonal units of the Commission :

i) The North Bengal University zone; ii) The Kalyani University zone; iii) The Burdwan University zone; iv) The Vidyasagar University zone ; v) The Kolkata University zone.

- 1) The State Govt. may, by order will determine the jurisdiction of every Zonal Unit of the Commission.
- 2) Every Zonal Unit of the Commission shall consist of the Chairman and two members of the Commission.
- 3) The members of the zonal unit of the commission shall render necessary advice to the Chairman in preparing a panel of eligible candidates based on the Interviews conducted exclusively for those who have applied for appointment within the zone of the respective Zonal Unit of the Commission.

The Constitution of the Commission :

- | | | |
|-------------------------------|---|-----------|
| 1. Prof. Dr. Ajit Kumar Banik | – | Chairman. |
|-------------------------------|---|-----------|

Office set-up of the Commission :

- | | | |
|-----------------------------------|---|--|
| 1. Shri Dilip Kumar Bhattacharyya | – | Secretary and as well as Controller of Examinations. |
| 2. Shri Debabrata Ghosh | – | Assistant Secretary. |

Recommendation of Lecturer :

The Commission published advertisement NO: 02/05 inviting applications for filling up of the post of Lecturers in 34 subjects.

The Interview against ADV NO:02/05 has been started from 16th Jan. 2006 and it is now going on in full swing. Overall 4957 candidates have applied for the post of Lecturer against ADV NO:02/05. The Panel is expected to be published in the last week of May or early June'06.

The Commission recommended 627 candidates in the Financial Year - 2005-06 for the post of Lecturer against ADV NO: 01/03.

Recommendation of Principal :

In ADV NO:01/06. applications are invited for filling up of vacant posts of Principal in 96 colleges and closing date of receiving of Forms is 20-04-2006.

State Level Eligibility Test (SLET)-2005 :

The 10th SLET was held on 27-02-05. Number of candidates applied for sitting in 20 subjects/ disciplines were 7738 and the number of candidates actually appeared were 5609. The number of successful candidates were 239 which included 45 SC/ST candidates. The success rate being 4.26%. The result of SLET-05 was published on 2.6.05.

State Level Eligibility Test(SLET)-2006 :

In the 11th SLET 10,326 candidates have applied for sitting the Test. The Test was held on 19-02-06 and the process of publication of result is going on.

9.12 DAY STUDENTS' HOMES

The Department of Higher Education runs four Day Students' Homes in the city of Calcutta. All the Homes are headed by a Warden-cum-Secretary, who is assisted by a number of other employees. The major objectives of these Homes are :

- (i) To provide library facilities to under-privileged students at Higher Secondary and graduation levels at a Centre where text books and reference books including Journals and newspapers are made available to them;
- (ii) To provide reading-room facilities to these students for a period of 12 hours (8.00 A.M. to 8.00 P.M.) on weekdays and 6 hours (8.00 A.M. to 2.00 P.M.) on Saturdays ;
- (iii) To provide cheap-canteen facilities at a heavily subsidised rate for meals and refreshments on a token payment of 20 paise only per meal.

AC ADJUSTS AND ORGANIZATIONS

COLLEGE DAY STUDY HIS HOME

* All other things being equal, the more the number of people in the group, the more likely the group will be to conform.

602140-1 110 July 1972

Text **Keywords**

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Figure 1. *Phragmites* and *Spartina* communities in the tidal marsh of the York River, Virginia. *Phragmites* (a) and *Spartina* (b) communities in the York River, Virginia. The communities are characterized by dense stands of *Phragmites* (a) and *Spartina* (b) plants. The communities are located in the tidal marsh of the York River, Virginia.

A. J. A. M., J. H. B., J. C. D., J. E. F., J. G. H., J. I. K., J. L. N., J. O. P., J. Q. R., J. S. T., J. U. V., J. W. X., J. Y. Z.

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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1. The first group of authors (e.g., [1, 2]) considers the problem of the control of the motion of a mechanical system with a variable structure. The control is determined by the law of change of the structure of the system. The control is determined by the law of change of the structure of the system.

b) Four Reading Room Assistant

c) Two Reading Room Assistant

Figure 1.

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Posting their Library Cards

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every day in between 8 a.m. to 8 p.m.

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1. *Journal of the American Medical Association*, 1990; 263: 1033-1036.

Received 12/1/2002

For further information, please contact the author at marco@marco.com or marco@marco.com.

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U.S. GOVERNMENT PRINTING OFFICE: 1964

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ISVAICHANDRA PATHADRAHAN

and Young People Development Commissioning Team, London

Established 1998

Staff Strength

28 with 0 paid staff

Income generated

£100,000 per annum (income)

Trading Break-Even

£0 (break-even)

Other programmes

£100,000 per annum (income) for Saturday and Sunday. Other programmes conducted on Saturday morning and evening sports and games and educational tour.

SHRI RAMKRISHNA DAT SOCIETY'S MUSEUM

London and West London, London, England

Established 1998

Staff Strength

1200 employees

Income generated

£100,000 per annum (income)

Trading Break-Even

£0 (break-even)

Average daily attendance of

1000 employees

Number of Members

1000 employees and 1000 members. The museum is a non-profit organisation and is a registered charity. It is a registered charity and is a registered charity.

ACADEMIES AND ORGANISATIONS

BANKURA INSTITUTE (DAY STUDENTS' HOME)

Pratapbagan, P.O. Bankura, Dist. Bankura, Pin-722101, Phone : 03242-40388

Established : 1998

Staff Strength	:	7 (Seven)
Books acquired	:	1800 and threee daily newspapers
Reading Room Space	:	300 students at a time
Other programmes	:	No. of students visiting the Day Students' Home (on average per day) - Boys-60, Girls-15 Opening Hours : 8.00 a.m. to 4.00 p.m.

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS ASSISTED BY THE STATE GOVT.

- 10.1 *Bangiya Bigyan Parishad*
- 10.2 *Bankim Bhaban Gabesana Kendra*
- 10.3 *Centre for Studies in Social Sciences*
- 10.4 *Jagadis Bose National Science Talent Search*
- 10.5 *Indian Association for the Cultivation of Science*
- 10.6 *Institute of Historical Studies*
- 10.7 *Paschim Banga Itihas Samsad*
- 10.8 *Ramkrishna Mission Institute of Culture*
- 10.9 *Socio-Economic Research Institute*
- 10.10 *Sri Sri Sitaramdas Omkarnath Samskrita Siksha Samsad*
- 10.11 *Ramkrishna Mission Ashrama*
- 10.12 *Calcutta Mathematical Society*
- 10.13 *Institute of Science, Education and Culture (ISEC)*
- 10.14 *Institute of Development Studies Kolkata*

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

10.1 BANGIYA BIGYAN PARISHAD

Satyendra Bhaban, P-23, Raja Rajkrishna Street
Kolkata - 700 006, Ph. : 2555-8417

In compliance with the basic objectives of popularising Science and development of scientific spirit among the people and students, Bangiya Bigyan Parishad holds discussions, meetings, conferences, workshop etc. In addition to all these, the Parishad has regularly published its popular journal, 'Gyan-O-Bigyan' during the year under consideration. Along with holding 'Gyan-O-Bigyaner Asar', Praakiti Parmar Pathshala', the Parishad organised quiz competition and distributed prizes in this year. The Parishad has already published some valuable books and some other books are awaiting publication in near future in this year. The publications were displayed in the Kolkata Book Fair and some other Fairs. Vocational training programme based on Science and Technology has also found place in its annual stream of activities.

10.2 BANKIM BHABAN GABESANA KENDRA

Kantalpara, P.O. Naihati - 743 165
Dist. 24-Pargana (North), Ph. : 2581-9933
Established : 1999
E-mail : bankim_bhavan@vsnl.net
Director : Dr. Satyajit Chaudhury

Bankim-Bhaban Gaveshana Kendra is a research centre registered in the ancestral house of Rishi Bankim Chandra Chattopadhyaya and maintained by Govt. of West Bengal in the Department of Higher Education. The aims and objectives of this centre include :

1. Renovation and restoration of the heritage building complex wherein Bankim Chandra was born and brought up and created most of his immortal literary works including the National Anthem 'Bande Mataram'.
2. Preservation of a huge collection of rare mutilated written manuscripts, letters, deeds, and other paper documents, textiles and other items of personal effects of the archive and Museum.

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS _____

It includes also the work of preservation and consolidation of a big bulk of rare mutilated 19th century text books and reference books used and read by Bankim Chandra, Sanjib Chandra and other family members.

3. Research on the life and works of Bankim Chandra Chattopadhyaya and his associates who contributed to the renaissance of the 19th century Bengal.
4. Research on the different aspects of the social history of Bengal and of the Bengali language and literature.
5. To continuously augment with new addition and alteration in display of the existing personalia museum on Bankim Chandra, and his associate writers as well as to develop it as a potential Regional Museum.
6. Expansion of the Museum in the newly renovated premises in the ancestral house of Bankim Chandra where he was born and brought up.
7. Digital documentation and preservation of the thousands of books and journal of the library : The nucleus of the library handed over to the Gaveshana Kendra, included a rare collection of old books and journals of the Chattopadhyay family, which subsequently, enlarged by other donations of books, journals, offprints etc. by eminent litterateurs.
8. To build up an archive with handwritten documents, records, genealogies and old Puthis on Palm leaf and country made paper and processing for publication.

The Archive :

A) Handwritten and Printed documents :

The nucleus of the archive was primarily the materials and written documents collected from the Chattopadhyay family numbering about 25 thousand pages and items, which include land and property deeds (since early 18th century A.D .), wills, pattas, diaries, letters, official reports, drafts, bills, notes, proof sheets, invitation cards etc. of the said Chattopadhyay family. It also includes correspondences of various writers and other eminent persons of the period.

On the other hand, in 'Mm. Haraprasad Shastri collection' hundreds of letters written by Haraprasad Shastri to his son, Benoytosh Bhattacharya, the then Director, Gaekwad Research Institute and letters received from the eminent European indologists like Sylvain Levi, C. Bendall, J. Jolly, W. Caland, F. E. Parigiter, Louis de la Vallee Poussin, J. A. Bourdillon, Th. Stcherbatskoi, A. F. Rudolf Hoemle, G. Thibaut, K. Ohmiya, Denison Ross, H. Jacobi, Lord Curzon and Lord Lytton etc. written between 1901- 1930 is preserved.

Similarly, papers of Saillares Basu collected from his family include many notes, letters, diaries, and interestingly, some papers of the great artist Ramkinkar Baij.

These rare archival materials are being cleaned and stored digitally, while the originals are laminated for permanent preservation. The up to date techniques are being adopted in this process and the works are being executed with a very expert hand. Till date more than 25,000 documents have been processed. The process continued this year also.

These documents are very precious materials for research on 19th century Socio-Cultural History including the process of modernisation of the Bengali literature under the leadership of Bankim Chandra and his associates. Utmost care being taken to preserve these materials utilising most modern digital techniques available.

B) Puthi :

An important component of the archive is a collection of nearly 200 Sanskrit 'Puthis' donated by the descendants of Mill. Haraprasad Shastri. These puthis were used in the 'Toll' of Shastri family since 1760 and comprise of disciplines like *Smriti*, *Vyakaran*, *Tantra*, *Nabya Naya*, *Kavya* etc. Processing these manuscripts for proper preservation as well as preparing a descriptive catalogue of the same are two important research projects undertaken by the centre. Efforts are being made to procure more such puthis from the families in Bhatpara, Naihati, Halisahar, once renowned centres of Sanskrit culture.

C) A collection of variations of 'Bandemataram' song :

The Bankim-Bhavan Archive possesses a rich collection of records of 'Bande Mataram' song, sung by eminent musicians, vocalists like Rabindranath Tagore, Pandit Omkarnath, Dilip Kumar Roy and Ms. Subbu Lakshmi and others. The number is about 45.

Museum :

The present museum of Bankim- Bhavan Gaveshana Kendra is situated in the 'Baithak-khana' (Parlour), built by Bankim Chandra himself in the year 1862 where most of his literary works were penned. The famous *Bande Mataram* song was also composed here and set to tune by his music teacher famous Jadu Bhatta for the first time.

The personal mementos of Bankim Chandra, rare photographs of his family and associates are neatly displayed in the museum that attracts regular visitors from all over India. New exhibits in thematic units have been arranged, highlighting, in details, the creative activities of Bankim Chandra

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and his associates and of the period. Protective but transparent covers for the different units of exhibits has been devised and installed in the gallery.

The total collection accumulated could not be displayed due to paucity of space hence an annexe building is contemplated to extend the existing museum. Railway authority was moved to handover a piece of land adjacent to the present museum for building the annexe. The present Railway Minister Sri Lalu Prasad Yadav has kindly sanctioned this prayer and Bankim-Bhavan will get four cotta of land in near future for this project.

Library :

The nucleus of the library handed over to the Bankim Bhavan Gaveshana Kendra included the collection of books and journals received from Chattopadhyaya family. Presently it has around 2500 volumes of books, bounded volume of journals, off- prints collected from five different sources

Publication :

A) Bangadarshan :

Bankim Chandra established the famous monthly journal *Bangadarshan* in the year 1872. Subsequently the journal had been edited by Sanjib Chandra Chattopadhyay, Srish Chandra Majumdar, Rabindranath Tagore, Sailesh Chandra Majumdar and Mohitlal Majumdar until 1955

This journal has been revived by Bankim-Bhavan Gaveshana Kendra in the year 2000 as a biannual mouthpiece of the Research Centre. From the very beginning of its publication, the revived *Bangadarshan* received warm appreciation of our scholarly world. Special mention should be made of two joint issues.

- a) 6th- 7th : Niharranjan Roy centenary commemoration volume, most eminent scholars contributed in this volume.
- b) 8th-9th joint issue emphasised the centenary of theory of relativity, Jean Paul Sartre and the great artist Binode Bihari Mukherjee.

Both the issues have been coveted as collectors item.

B) Other Publication Projects :

- i) ***Haraprasad Shastri Rachana-Samgraha*** : Volume V edited by Dr. Satyajit Chaudhury and Dr. Bijali Sarkar, shortly to be published by the West Bengal State Book Board.

- ii) **Bangadarshan Parampara** : a research monograph written by Dr. Bhabatosh Dutta and Dr. Bijali Sarkar. On the history of *Bangadarshan Patrika* successively edited by Bankim Chandra, Sanjib Chandra, Rabindranath & others. This monograph would contains full index of different periods of the publications. It is ready for publication.
- iii) **Bankim Chandrer O Bankim Paribarer Patrabali** : a definitive edition of letters written by Bankim Chandra and his family members edited by Sri Krishnajiban Bhattacharyya, is also under the process for publication.
- iv) **Rabindranather Bankim Chandra** : a complete collection of writings of Rabindranath on Bankim Chandra with notes and references, being edited by Dr. Bijali Sarkar.
- v) Another important monograph in three versions- Bengali, English and Hindi, '**The Source and Variations of Bandemataram-tune**' (*Bandemataram Sangiter Utsa O Sura Baichitra*), a contribution of late Prof. Ananta Kumar Chakraborty will be published shortly.

A collection of variations of 'Bande Mataram' song :

As many as 52 versions of Bande Mataram song sung by Rabindranath Tagore, Pt. Omkarnath, Dilip Kumar Roy, Ms. Subbulaxmi and other eminent singers, were collected by late Prof. Ananta Kumar Chakraborty. With an arrangement with SAREGAMA, 48 records could be cleaned eliminating disturbing noises and restored for permanent preservation in compact disk (C.D.). These collection is a rare possession of the centre which could be used by the serious research workers.

Seminars :

Two very important seminars were organised in this year.

- i) Celebration of Bankim Jayanti on 28th June, 2005. In this seminar Prof. Brajadulal Chattopadhyay of Jawaharlal Nehru University talked on "Bankim Chandra in Haraprasad Shastri's view" and Dr. Amiya Kumar Bagchi, Director, Institute of Development Studies, Kolkata talked on 'Partition of Bengal'. Sri Ramaprasad Banik the eminent actor recited some interesting passages from Bankim's writing.
- ii) Haraprasad Shastri Jayanti on 6th December 2005 : Haraprasad Shastri Birth anniversary was celebrated. A very interesting exhibition displaying Books, Manuscripts and other Mementoes of Mm. Haraprasad Shastri was organised. On this occasion Prof. Biswanath Banerjee, President, Asiatic Society of Bengal narrated the contribution of Haraprasad Shastri in Sanskrit studies. Dr. Chittaranjan Panda, Secretary & Curator, Victoria Memorial Hall discussed possibilities of development of Bankim- Bhavan as Regional Research Centre & Museum.

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Organisations of the Month: Regional seminars

These seminars are usually held in the second or third week of the month.

These seminars are held in the evening, usually after a short break from the day's programme. They provide a valuable opportunity for participants to discuss and exchange views on the issues raised in the seminars and to share experiences.

10.1 CENTRE FOR STUDIES IN SOCIAL SCIENCES CALCUTTA

At Baidyabati Park Township

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E-mail: csiss@vsnl.com ishan@vsnl.com ishan@vsnl.com

The Centre for Studies in Social Sciences, Calcutta, is a research and training centre for the study of social sciences and for the promotion of research in social sciences. It is a research and training centre for the study of social sciences and for the promotion of research in social sciences.

ANALYSIS OF RESEARCH

The Centre for Studies in Social Sciences, Calcutta, is a research and training centre for the study of social sciences and for the promotion of research in social sciences. It is a research and training centre for the study of social sciences and for the promotion of research in social sciences.

ANALYSIS OF RESEARCH

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ANALYSIS OF RESEARCH

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IMPORTANT ACADEMIC EVENTS

The busy calendar of *Seminars, workshops, lectures, conferences and face-to-face interactions*, organized by the Centre, has come to occupy a prominent place in the intellectual life of Kolkata. A wide cross-section of Indian and International scholars are brought together at these events from time to time.

ANNUAL LECTURES

The Sakharam Ganesh Deuskar Lectures on Critical Art, was delivered by Professor Gita Kapoor, on March 16 & 17, 2005.

The R.C. Duet Memorial Lectures on Polarization and Conflict, was delivered by Prof. Debraj Ray, Julius Silver Professor of Economics, New York University, USA on December 22 & 23, 2005.

RESEARCH ACTIVITIES DURING 2005-2006

A brief introduction is given below to some of the on going research works by the faculty members :

Dr. Raziuddin Aquil is working on the various facets of relationship between Muslims and non-Muslims as portrayed in some key texts in Persian and classical Urdu.

Dr. Remesh Bairy is exploring ways of writing an institutional history of three important *Mathas* in Karnataka -the Sringeri Matha (of the Smartha Brahmins), the Adi Chunchanagiri Matha (of the Vokkaligas) and the Tarala Balu/Murugharajendra Matha (of the Lingayaths).

Dr. Sibaji Bandopadhyay is working on the chapters, which deal with the politics of translation in relation to the *Gita*, of his book on the *Mahabharatha and the Gita*.

Professor Gautam Bhadra is in the process of rewriting the final script of his book on *Gopal Bhar*.

Dr. Dwaipayan Bhattacharyya is updating his work on the contemporary left wing politics in West Bengal.

Professor Pradip Kumar Bose is in the process of completing his book in Bengali on *Family in Bengal*.

Professor Partha Chatterjee is working on his next book on *The Black Hole of History: Sovereignty and Government in the Modern World*.

Dr. Rosinka Chaudhuri is at the final stage of completing her book on Henry Derozio.

Dr. Pranab Kumar Das is working on the final revision of his study on *Micro Econometric Model for India - The Credit View*.

Dr. Keya Dasgupta is working on *Mapping Spaces of Minorities: Calcutta in/since the 60s*.

Dr. Rajarshi Dasgupta is working on *Becoming Declasse A Cultural History of Bengali Marxism*.

Dr. Pradip Kumar Datta is working on a detailed study of Bhudeb Mukhopadhyay's notions of historical time, taking his *Swapna Labdha Bharatbarsher Itihas* as a starting point.

Dr. Sohel Firdos is working on his manuscript titled *Tribes in Jharkhand. Population Resources and Employment*.

Dr. Anjan Ghosh is in the process of completing his book on *History of Ethnological Tradition in India and Rumour and Communal Conflicts in Bengal*.

Dr. Dhruvjyoti Ghosh is working on *Restoration of functions and Values of Flood Plain Wetlands in West Bengal*.

Professor Tapati Guha Thakurta is working on the *Collecting and Exhibiting of Indian Sculpture in Western Museums* and on the *changed aesthetics of Durga Puja in contemporary Calcutta*.

Professor Jyotsna Jalan is working on impact of *Midday Meals on Child Labour and Role of Social Cohesion in Implementation of poverty Alleviation Plans*.

Dr. Saibal Kar is working on *Unemployment Insurance and Wage gap between Skilled and Unskilled Workers in a Developing Country*.

Professor Udaya Kumar is revising the manuscript of his work on *Styles of the Self : The Subject and the Act of Self-Articulation in Modern Malayalam Writing*.

Dr. Manabi Majumdar is working on *Fiscal Devolution and the politics of taxation at the Gram Panchayet Level in West Bengal and Quality and Equality in Primary Education in West Bengal*.

Dr. Dibyendu Maiti is working on *Reformation and organization Dynamics of Indian Industries including Formal and informal Sectors*.

Dr. Indrajit Mallick is working on *The Economies of Corporate Bankruptcy Law Reform in India*.

Professor Sugata Marjit is working on *Informal Level Markets in Developing Countries and the Theory and Transformation of Production Organisation among Rural Artisans*.

Dr. Surajit Mukhopadhyay, apart from coordinating a project on rural decentralisation in West Bengal, is in the process of finalising his book on *Conceptualising Indian Policing in Post-colonial India*.

Professor Janaki Nair is working on her collection of essays on cultural and social histories of Mysore for her book titled *Mysore Modern*.

Dr. Manas Ray is working on ethnographic narrative on post-partition Calcutta.

Dr. Padmanabha Samarendra is working on the *Movements of the Gwala, Koeri and Kurmi Castes in the late 19th and early 20th Centuries in Bihar*.

Dr. Lakshmi Subramanian is working on *The Histories of Tamil Music and Religious Culture in 20th Century South India. The Primary Interest will be on the Articulation of an Aesthetic on Music and on the Emergence of Music Criticisms and Appreciation in Madras from the 1950.s*.

Documentation :

Over last two years the Centre successfully deployed MARC recording for electronic bibliographic records in archive, library and newly built resource centre. All information relating to books and printed texts at the archive and library have been transferred to full and preliminary level MARC records on a single database. However, experiments with an appropriate structure for electronic documentation of images are still on.

Digitisation :

The work of digitisation of microfilm rolls budgeted from the ENRECA programme (330 out of the total strength of 577) have been completed at the Roja Muthiah Research Library, only little cleaning and technical tests are awaiting. At the same time one of the archive assistants carrying on the job of cleaning and cropping of the images to prepare the proposed e-book and altogether 41 titles have been transferred to PDF e-book format. Rest of the microfilm rolls will be digitised before the end of this year from a grant extended by the South Asia Microfilm Project (SAMP) through Centre for Research Library as part of an exchange programme.

The Archive acquired new hardware and software for archival quality digitisation from the Ford Foundation project head and the same have been installed and work of systematic digitisation of images began. In May, 2004 two of the Centre's staff received training from the National Institute of Oceanography (NIO), Goa for implementation of the programme WWWISIS and the server setting for image integration in the database. The same awaiting implementation at the CSSSC for the limitation of server configuration and some technical fault at the Centre's Win 2000 server. However, the computer committee discussed the issue and we are expecting quick recovery from the problem.

As mentioned earlier, the entire database of text materials at the archive in MARC 21 data structure has been prepared and ready to upload in web-server ... in addition the archive staff extended support for preparation of the library database and as on date more than 75% of bibliographic records at the library transferred to electronic format and ready to give online public access after little task of cleaning.

Publication :

The much awaited English translation of the first volume of Pradip Bose (ed.) *Samayiki* has been published by the Sage, New Delhi (**Health and Society in Bengal: A selection from late 19th century Bengali periodicals**, Sage, New Delhi, 2006). The work on the second volume of *Samayiki* in Bengali is also over and negotiation with publishers are on another English translation of the second volume is proposed as soon as we hand over the Bengali volume to the publisher. Though it was committed in last report that another descriptive catalogue of archival holding (revised edition of *A Guide to the Hitesranjan Sanyal Memorial Collection* compiled by Abhijit Bhattacharya would be published in late 2005 but the work has not been done yet, as the year 2005 was mostly occupied with completion of electronic cataloguing, however, now a print publication of a descriptive catalogue may be published from the electronic dataset within a few months of time if the same approved and budgeted.

A complete set of digital copies in reader friendly PDF file format is also planned. Once we digitise all the microfilms in TIFF file format we can convert all individual articles from all the periodicals and publish them electronically and integrate the titles in a database following MARC recording standards. But the later is a mammoth task both in terms of time and technically skilled human hour required for doing so. It will be highly appreciated if the possibility of the same reviewed closely.

Access :

As a policy of the archive it has an open and free access policy for all students, scholars and faculty members affiliated with any academic institute/University. During the year 2005 altogether 57 new readers from academic institutions of India and abroad took fresh membership for reading and consultation of archival documents apart from our short term visitors, RTP students and members of Academic staff of the Centre.

10.4 JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH

716, Jogendra Gardens, Kasba, Kolkata - 700 078

Telephone : 2442-8270, 2442-5191, 2442-8269 (Director)

Fax : 2442-5485, E-mail : jbnsts@vsnl.com

Estd. 1st July, 1960

To commemorate the Birth Centenary of Acharya J. C. Bose, India's first modern scientist, this unique institution was established in the year 1958 by visionaries like Dr. B. C. Roy, Sir Jehangir Ghandy, Sir R. Mudaliar and other noted educationists and industrialists. The program was inaugurated by Pandit Jawaharlal Nehru.

AIMS AND OBJECTIVES

- To identify talented students at a young age who will emerge as scientists, technologists and doctors of very high abilities in the future and become the "builders of modern India".
- To nurture them through enrichment programs to develop their talents.
- To motivate students to realize the importance of excellence in the scientific world and educate them to cultivate this goal in real life as students of science.
- Conserve scientific talent with a view to provide for the nation's need for science and technology personnel.

AREA OF WORK

Financed by the Department of Higher Education, Government of West Bengal, the functions of JBNSTS were primarily limited to West Bengal only. However, from the early 90's, it started to spread its activities to the neighboring states of Eastern and Northeastern Region. Presently, JBNSTS is engaged in a number of projects in collaboration with Dept. of Science and Technology, Govt. of India, Council of Scientific and Industrial Research, Govt. of India, Ministry of Development of North Eastern Region, Govt. of India etc. Apart from that, a project for training of science teachers of West Bengal has been undertaken in collaboration with Sir Ratan Tata Trust, Mumbai. This program is found to be very suitable by the Department of Higher Education, Govt. of West Bengal.

Presently, the activities of JBNSTS are extended to 14 States of India namely West Bengal, Bihar, Orissa, Jharkhand, Chhattisgarh, Assam, Tripura, Arunachal Pradesh, Nagaland, Manipur, Mizoram, Meghalaya, Sikkim and Andaman & Nicobar Islands.

STATUS AND FUNCTIONING

JBNSTS is a registered society (Regn no. S/ 4353 of 1960-61) under Registration of Societies Act, 1860. It enjoys status of a special institution as declared by Department of Higher Education, Government of West Bengal.

JBNSTS undertakes various projects in collaboration with different departments of Central Government as well as State Government and reputed private Organizations, Trusts etc.

JBNSTS has a Governing Body with representatives from Higher Education Department, Government of West Bengal, industrialists, educationists and eminent professionals from various disciplines. Apart from that, there are eminent educationists in the Academic Advisory Board and it is a privilege to get their guidance in all academic matters.

Presently, Chief Patron of JBNSTS is Hon'ble Shri Gopalkrishna Gandhi, Governor of West Bengal. The President is Shri Jyoti Basu, former Chief Minister, Government of West Bengal, and Chairman is Dr. Purnendu Chatterjee, noted industrialist.

With a group of very dedicated staff as its asset, the office "JB Centre of Excellence for Student Scientists" is situated at 1300, Rajdanga Main Road, Kolkata 700 107.

Programs undertaken by JBNSTS in collaboration with Dept. of Higher Education, Govt. of West Bengal

a) Senior Scholarship Scheme

This is the core program of JBNSTS. Since the inception of this organization, this program has remained at the center of all the activities. Under this scheme, the undergraduate students of Pure Science, Medicine and Engineering appear in a multiphase selection procedure and those who are selected are awarded this prestigious scholarship. The selected scholars are motivated and nurtured throughout their M.Sc/MBBS/BE/B.Tech level. JBNSTS has a very luminous list of scholars like Professor A Ananthakrishnan, Former Director, GMRT, Pune, Prof. K. B. Sinha, Distinguished Scientist, Indian Statistical Institute, Delhi, Dr. Purnendu Chatterjee, noted industrialist, to name a few. Almost all the scholars occupy very high positions in their field of works.

The students, who passed Higher Secondary examination or its equivalent in 2005, appeared in the written test on January 8, 2006. A total of 472 students applied for the test in 6 centers in West Bengal. On the basis of merit, 69 students were called for the interview and 43 students among them were selected for Scientific Creativity Test. Finally, 25 students were selected for this prestigious award.

The selected scholars get a monthly scholarship of Rs.500/- and book grant of Rs.1000/- per year during the period of the scholarship. Besides, they are invited to take part in various follow-up Programs like seminars, talent enrichment programs, and educational tours, project works etc.

b) WBDS Program

This program is aided by the Department of Higher Education, Govt. of West Bengal and meant for the middle school students of different districts of West Bengal. The main focus of this scheme is on the underprivileged but meritorious students of remote areas of the State. It is a very successful and popular program among the students and the teachers of the district schools. Presently, 7 districts are covered under this program namely Nadia, 24 Pgs (S), Birbhum, Purulia, Burdwan, Bankura and Hoogly. A number of science workshops were organized in different schools for the students of those areas (List of workshops during April, 2005 to May 2006 is enclosed and marked Annx. A).

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Under this program, Residential and non-residential science workshops are organized rotationally in the districts for students of Class VIII and IX for 3 to 4 days. About 60 - 65 students nominated by the schools of a particular area and accompanying science teachers from each school take part in these workshops. A team of outstanding faculties conduct these workshops. The workshops consist of theory and practical lessons plus laboratory and outdoor assignments not included in the school syllabus. The participating students are exposed to the exciting and advanced areas of science, which are basic to the understanding of the core concept of the subjects. They are also encouraged to develop self learning through self exploration. It is an excellent opportunity for the young students to understand the basic areas of science as well as the global character of scientific activities. It surely is a very rich learning experience for the students.

OTHER PROGRAMS

a) CSIR Program

The Council for Scientific and Industrial Research (CSIR), Government of India has been contributing to the talent enrichment of selected scholars since 1962 and has in the past few years extended its support of JBNSTS to cater to undergraduate science students from Bihar, Orissa, Jharkhand and Chhattisgarh.

b) DST Program

Since 1999, Department of Science & Technology (DST), Government of India has been contributing to a range of Contact Programs for students of the Northeastern States as well as that from Bihar, Orissa, Jharkhand and Chhattisgarh. In the past two years Andaman & Nicobar Islands have been included in this Program.

c) DRDO Program

This year the Defence Research Development Organization (DRDO), Government of India has sponsored a few programs for the enrichment of senior scholars of the JBNSTS as well as the High School students of the Northeastern States.

d) SRTT Program

It has been just one year since JBNSTS has launched itself in the field of Teacher's Training in science teaching for middle school science teachers of West Bengal. This venture has been taken up by JBNSTS in collaboration with Sir Ratan Tata Trust, Mumbai, and has been successful in building a community of motivated, goal oriented and skilled middle school science teachers. This project shall eventually be recognized as a strong pedagogic movement within the State.

e) DoNER Program

From the year 2005-06, a project to motivate, identify and nurture the young talented science students from 8 northeastern States has been undertaken in collaboration with the Ministry of Development of North Eastern Region. Under this project, high school science students will be motivated to take up science as their future career. Talented students will be identified through talent identification tests and scholarship and book grant will be given to the selected students

ACTIVITIES OF JBNSTS TOWARDS MOTIVATION, IDENTIFICATION AND NURTURE OF TALENTED SCIENCE STUDENTS IN 14 STATES OF INDIA :

Date	Programme	Details with Venue
March 18-20, 2005	Final Interview	Final Interview for the 86 short listed students of West Bengal for the award of Senior JBNSTS Scholarship held at JBNSTS office, Kolkata.
April 1-3, 2005	Seminar & Scientific Creativity Test	Seminar & Scientific Creativity Test for senior scholars (Current Batch) held at National Council for Science and Museum, Kolkata. The session was chaired by Prof. Parthasarathi Majumder (Saha Institute of Nuclear Physics) & Prof. Mukul Kumar Basu (Indian Institute of Chemical Biology).
May 11-14, 2005	Meethig with JB Scholars (2005 Batch) [Counseling & Project Evaluation and Discussion	Meeting with senior JB scholars (Current Batch, 2005) & Project Presentation (May 8, 2005) of senior JB scholars (Last year batch, 2004) held at JBNSTS New Building: 1300, Rajdanga Main Road, Ruby Gold Park, Kolkata - 700 107 & JBNSTS current office 716 Jogendra Gardens, Kasba, Kolkata - 700 078 JB Scholars were interacted with some eminent personalities - Shri Jyoti Basu, Former Chief Minister, West Bengal & President of JBNSTS, Prof. Kalyan Bidhan Sinha, Chairman, JBNSTS & Director, Indian Statistical Institute, Kolkata; Dr. Krishanu Moulick, Senior JBNSTS Scholar (1993) & Asst. Professor, Dept of Stat-Math, ISI, Kolkata, Dr. Rimi B Chatterjee, Jadavpur University, Kolkata, Shri Ramananda Bandopadhyay, Artist & Shri Shirshendu Mukhopadhyay, Writer and the Project Presentation Seminar was conducted by Profs. Tapan Ghoshal, Samir Saha, D. Ganguli from Jadavpur University, Kolkata, Dr. Subhomay Moitra, Dr. Arup K. Das from ISI, Kolkata, & Dr. Abhik Mukherjee from B.E. College, Howrah.

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May 11-14, 2005	WBDS Workshop	WBDS Interactive Science Workshop entitled "Spectrum of Science" for middle school students of class VIII from different schools of Kolkata and adjacent areas held at Kamala Girls' School, Kolkata. Speakers : Prof. Samir Kr. Ghosh, Retd. Prof., Visva Bharti, W.B., Prof. Subrata Paul, Dean Faculty in Science, J.U., Kolkata; Dr. D.P. Duari, Senior Scientist, Birla Planetarium, Kolkata; Dr. Amita Chatterjee, Dept. of Philosophy, J.U. Kolkata; Dr. Sharmistha Roy Choudhury, Dept. of Bio-Physics, Molecular Biology & Genetics, C.U., Kolkata; Shri Priyobrata Basu, Retd. Edn. Officer, Birla Industrial & Technological Museum; Shri Partha Karmakar, Janakilal Siksha Sadan, Katwa, W.B.; Siddhartha Sankar Chattopadhyay, Bidhannagar Govt. High School, Kolkata; Prosanto Kr. Basu, R.K. Mission Res. College, Narendrapur, Kolkata; Shri Debananda Bagchi, Ballygunge Govt. High School, Kolkata; Shyamal Khanra, Ballygunge Govt. High School, Kolkata;
June 10-23, 2005	Talent Enrichment Programme	Talent Enrichment Program for the Senior JB- Scholars (Last year batch) held at Bangalore.
July, 9-11 2005	SRTT Science Workshop	Demonstration workshop in science for middle school students of North Kolkata in collaboration with Ratan Tata Trust, Mumbai held at Dakshineswar High School (H.S.), Kolkata. Speakers : Md. Abdul Halim Sheikh (Teacher, Sri Ramkrishna Ashrama Institute, Baruipur); Drs. Devi Prasad Duari (Director, Research & Academics, MP Birla Planetarium, Kolkata); Amitava Roy (Dept. of Botany, Scottish Church College); Sri Badal Kumar Panda (Teacher, Sri Ramkrishna Sikshalaya, Howrah).
July, 19-21, 2005	SRTT Science Workshop	Demonstration workshop in science for middle school students of North Kolkata in collaboration with Sir Ratan Tata Trust, Mumbai held at Bethune Collegiate School, Kolkata. Speakers : Prof. Partha Sarathi Majumder (Professor, Saha Institute of Nuclear Physics); Drs. Atasi Deb Roy (Lecturer, Dept. of Mathematics, North Bengal University); Abhijit Bandopadhyay (Reader & Head, Dept. of Botany, Burdwan University); Santanu Chakraborti (Head Technologist, FPTG, Tata Steel, Jamshedpur); Shri Sovan Chakraborty (Teacher, Ballygunge Govt. High School, Kolkata); Shri Santanu Bandopadhyay (vocalist, Hindustani Classical Music).

August 16-21, 2005	Science Workshop	Science program entitled "Exposure of Frontline Research in Science" for undergraduate science students (~50) from Bihar, Orissa, Chattishgarh and Jharkhand held at Kolkata. Visits to : Garden Reach Shipbuilders and Engineers Ltd.; Birla Planetarium; Saha Institute of Nuclear Physics, Variable Energy Cyclotron Centre; Indian Association for the Cultivation of Science; Central Glass & Ceramic Research Institute; Indian Statistical Institute; Calcutta Panorama; Birla Industrial and Technological Museum & Science City, Victoria Memorial Hall.
August 20, 2005	Project Evaluation	Phase - II (final) project evaluation and discussion for the Senior JB Scholars(last year) held at JB-Centre of Excellence, Kolkata. Experts Panel : Profs. Tapan Kr. Ghosal(Jadavpur University, Kolkata); Samir Saha (Jadavpur University, Kolkata); Arup Kr. Das (Indian Statistical Institute, Kolkata); D Ganguly(Indian Association for the Cultivation of Science, Kolkata); Drs. Subhomay Moitra (Indian Statistical Institute, Kolkata); Abhik Mukherjee (Bengal Engineering College, Howrah).
August 21, 2005	Seminar	Seminars entitled "Curled-up Space in Laboratory" & "Excitements Modern Biology" presented by Prof. Biswarup Mukhopadhyay, Harishchandra Research Institute, Allahabad & Prof. Dhrubojyoti Chattopadhyay, Calcutta University, Kolkata.
September 14, 2005 onwards	Awariness Programme	Awareness program at the following institutions of West Bengal : a) Presidency College, Kolkata b) Bethune College, Kolkata c) Asuthosh College, Kolkata d) Scottish Church College, Kolkata e) Rama Krishna Mission Residential College, Narendrapur, 24 Pgs (S). f) Dinabandhu Andrews College, Kolkata g) Sammilani College, Kolkata h) Indian Institute of Technology, Kharagpur i) Darjeeling Govt. College, Darjeeling j) St. Joseph's College, Darjeeling k) Siliguri College, Siliguri l) Rishi Bankim Chandra College, 24 Pgs.(N) m) Vivekananda Centenary College, Rahara, 24 Pgs (N) n) Katwa College, Burdwan o) Institute of Engineering Management, Kolkata

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October 26-28, 2005	WBDS Workshop	WBDS interactive workshop in science for middle school students held at Mathrun Nabin Chandra Institution, Katwa, Burdwan, West Bengal. Speakers : Drs. Koushik Brahamachari, Scientist, Bidhan Chandra Krishi Viswa-Vidyalaya, Nadia; Pijush Kanti Dan, Headmaster, Bazar Bonkapasi S.M. High School, Burdwan, Amit Kr. Jana, Sri Aurobindo Institute of Education, Kolkata, Dipankar Dey, Medical Officer, Burdwan; Shri Debabrata Mukhopadhyay Headmaster, Katwa Bharti Bhavan High School, Burdwan; Shri Ajoy Kr. Saha, Asst. Teacher, Mathrun Nabin Chandra Institution, Burdwan, Shri Pintu Kr. Sinha, Asst. Teacher, Katwa Kashiram Das Institution Burdwan; Shri Sovan Kr. Pal, Asst. Teacher, Mathrun NC Institution, Burdwan; Ms. Akulina Kar, Teacher, Vivekananda Mission School, Kolkata.
November 12, 2005	WBDS Workshop	One day interactive workshop in science (WBDS) for middle school students held at JB-Centre of Excellence, Kasba, Kolkata. Speakers Profs. J.J. Ghosh (Retd.), Calcutta University, Kolkata Sujata Tarafdar, Jadavpur University, Kolkata, D.J. Chatterjee, Calcutta University, Kolkata; Drs. Amitava Bagchi, Institute of Development Studies, Kolkata; Abhijit Bardhan, Science Education Forum, Kolkata
November 16-18, 2005	WBDS Workshop	WBDS interactive workshop in science for middle school students held at Digha Science Centre, Digha, Purba Medinipore, West Bengal. Speakers : Drs. Subhasis Mukherjee, Dept. of Bio-physics, Calcutta University, Kolkata ; Sudip Kundu, Dept. of Bio-physics, Calcutta University, Kolkata; Arghya Tarafdar, Dept. of Physics, IIT, Kharagpur; Pradipta Panchadhyay, Lecturer in Physics, Contai P.K. College; Shri Subrata Kr. Das, Asst. Teacher, Contai High School; Smt. Nibedita Pramanik, Asst. Teacher, Contai Hindu Girls School; Shri Priti Ranjan Maity, Asst. Teacher, Safiabab S.P. High School; Shri Prabhat Kr. Roy, Lecturer in Chemistry, Contai P.K. College.
November 28-30, 2005	Science Workshop	Science Workshop entitled "Astrophysics & Cosmology" for high school students held at Patkai Christian College, Dimapur, Nagaland. Speakers : Dr. N.K. Haridass, Institute of Mathematical Sciences, Chennai; Dr. D.P. Duari, Director, Research & Academics, Birla Planetarium, Kolkata.

December 6-8, 2005	SRTT/ WBDS Workshop	WBDS Interactive science workshop for middle school students held at Kalipur Swamiji High School, Arambagh, Hoogly, West Bengal. Speakers : Drs. Shyamal Kr. Ghosh, Dept. of Chemistry, Kalipur Swamiji High School, Arambagh; Pravat Kr. Roy, Dept. of Chemistry, Pravat Kr. College, Arambagh; Jiban Kr. Paul, Dept. of Botany, Netaji Mahavidyalaya, Arambagh; Asim Kr. Hazra, Teacher, Dakshineswar High School, Kolkata; Shri Sushil Kr. Roy, Teacher, Kalipur Swamiji High School, Arambagh; Shri Sanjib Kr. Nandy, Teacher, Kalipur Swamiji High School, Arambagh; Shri Hariprasad Middya, Retd. Teacher of Arambagh.
December 27, 2005	Annual Award Ceremony	JBNSTS Annual Award Ceremony held at "JB-Centre of Excellence for Student - Scientists", 1300 Rajdanga Main Road, Kolkata - 700107.
January 07, 2006	Science Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Bratachari Vidyashrama for Boys, Vill.& P.O. Joka, North 24 Pgs., Thakurpukur. Program Coordinator : Mrs. Akulina Kar (One of the Core Group Teacher trained under SRTT Teacher Training Program).
January 08, 2006	Senior Talent Research	Senior Talent Search Test for undergraduate science students of West Bengal held at different centres of West Bengal.
January 19, 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Howrah Sangha Adarsha Balika Vidyalaya (H.S.); Howrah. Program Coordinator : Dr. Arati Mukhopadhyay (One of the Core Group Teacher trained under SRTT Teachers Training Program).
January 20, 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Belghoria High School, Kolkata. Program Coordinator : Mr. Asit Baran Sen (One of the Core Group Teacher trained under SRTT Teachers Training Program).
January 24, 2006	Teachers Orientation & Training Programme	Teachers Orientation Program for the science teachers of Purulia, Hoogly and Burdwan districts held at JB Centre of Excellence, Kolkata.

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

January 25 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Belghoria High School, Kolkata. Program Coordinator: Mr. Asit Baran Sen (One of the Core Group Teacher trained under SRTT Teachers Training Program)
January 28, 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Sodepur Deshabandhu Vidyapith for Boys, Kolkata. Program Coordinator: Mr. Abhijit Goswami (One of the Core Group Teacher trained under SRTT Teachers Training Program) One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Ashokegarh Adarsha Vidyalaya for Boys, Kolkata. Program Coordinator: Ms. Nupur Chatterjee (One of the Core Group Teacher trained under SRTT Teachers Training Program)
January 30 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Behala Sarsuna Girls High School, Behala, Kolkata. Program Coordinator: Mrs. Sabita Guha Roy (One of the Core Group Teacher trained under SRTT Teachers Training Program)
February 01 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Ashokegarh High School for Girls, Ashokegarh, Kolkata. Program Coordinator: Ms. Bina Biswas (One of the Core Group Teacher trained under SRTT Teachers Training Program).
February 07 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Park Circus Girls High School, Park Circus, Kolkata. Program Coordinator: Mrs. Manasi Shee (One of the Core Group Teacher trained under SRTT Teacher Training Program).
February 08 2006	SRTT Workshop	One day interactive science workshop under JBNSTS and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Baranagore Rameshwar High School for Boys, Kolkata. Program Coordinator: Dr. Amit Kr. Jana (One of the Core Group Teacher trained under SRTT Teacher Training Program).

February 09, 2006	SRTT Workshop	One day interactive science workshop under JBNSTs and Sir Ratan Tata Trust Project for the middle school students held at Patspukur Girls High School Kolkata. Program Coordinator: Mr. Subbartha Sankar Chattopadhyay (One of the Core Group Teacher trained under SRTT Teachers Training Program)
February 12-14, 2006	SRTT/WBDS Workshop	WBDS interactive workshop in science for middle school students & teachers orientation program under Sir Ratan Tata Trust Teachers Training Project held at Lagda High School, Lagda, Purvanchal
February 15, 2006	SRTT Workshop	One day interactive science workshop under JBNSTs and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Banipith Girls High School, Kolkata. Program Coordinator: Mrs. Saswati Adhikari (One of the Core Group Teacher trained under SRTT Teachers Training Program)
	Junior Talent Search Test	Junior Talent Search Test for the for the students of 8 NE States held at different examination centres NE States
February 18, 2006	SRTT Workshop	One day interactive science workshop under JBNSTs and Sir Ratan Tata Trust Project (SRTT) for the middle school students held at Dakshineswar Bharati Bhawan Girls High School, Kolkata. Program Coordinator: Dr. Asim Kr. Hazra & Sri Bhattacharya. Fresh Core Group Teachers trained under SRTT Teachers Training Program
February 20-22, 2006	WBDS/SRTT Workshop	WBDS interactive Science Workshop in collaboration with Sir Ratan Tata Trust Teachers Training Project for the middle school students & teachers held at Kalpur Swarnaj High School, Arambagh, Hoogly. Speakers: Dr. Asish Paul, Arambagh College, Hoogly; Dr. Anil Kr. Jana, Teacher, Autabindo Institute of Education, Kolkata; Mr. Jaydev Ballav & Mr. Pradip Manna, Teachers, Kalpur Swarnaj High School, Hoogly; Mrs. Manasi Sheo, Teacher, Haripada Vidyamandir, Kolkata
March 11-12, 2006	Final Interview	Final interview for the short listed students of West Bengal for the award of Senior JBNSTs Scholarship held at JB Centre of Excellence, Kolkata.
March 18-19, 2006	Scientific Creativity Test	For the Senior JB Scholars of West Bengal held at JB Centre of Excellence, Kolkata

May 6, 2006	Project Evaluation & Discussion	For the Senior JB Scholars (2004 Batch) held at JB-Centre of Excellence, Kolkata.
May 12, 2006	Junior Talent Search Test	Junior Talent Search Test for the 8 Northeastern States students held at Indian Association for the Cultivation of Science.
May 12-15, 2006	Follow up Program	Follow Up program for the same group of students. Visit to: Indian Association for Cultivation of Science, Kolkata; Jadavpur University, Kolkata; Birla Industrial & Technological Museum, Kolkata.
May 19-21, 2006	WBDS Workshop	WBDS interactive science workshop for middle school students (~ 54) held at Bethuadahari JCM High School, Bethuadahari, Nadia. Speakers : Prof. Basudeb Bhattacharya, Indian Sky Watchers Association, Kolkata; Dr. Debashis Dhar, GCM College of Education, New Barrackpur; Shri Siddhartha Sankar Chattopadhyay, Teacher, Biddhannagar Govt. High School, Kolkata; Shri Anshuman Das, DRCSC, Kolkata; Shri Anjan Bera & Smt. Chandra Naskar, NEEV, Kolkata.

10.5 INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Estd : 1876

2 A & B, Raja S.C. Mullick Road,

Jadavpur, Kolkata - 700 032

Telephone : 2473-46788 / 3372 / 3073

Fax : (91) (33) 473-2805, 483-6561

After immediate completion of 125 years and at the juncture of 75th Year of Discovery of Raman Effect IACS continues to strive towards excellence in basic science and allied technology covering several emerging frontline areas of materials research, atomic, molecular and optical physics, molecular science, theoretical science and biology. However, the acute shortage of funds remains a matter of grave concern for its all-round growth and development.

Research Activity in various departments and units :

Materials Science

During the year motivated research has been carried out in the Department of Materials Science of Indian Association for the Cultivation of Science on the front line areas of synthesis and characterization of materials of current interest. There is also a strong theoretical group working in the front line areas of Atomic and Molecular Physics.

Continued activities have been in the areas of Powder Profile Analysis in Alloys, Films and Crystal Growth and defects Characterization in solution-grown single crystals of sulphate groups.

Theoretical work was started to explore different approaches to molecular control. Investigation of selective population transfer by chirping, control over angular distribution and product branching using appropriately designed multi-frequency pulses is being carried out. Future plans include coherent phase control, optimization of pulse shape for achieving a specified target state.

Solid State Physics

Magnetic susceptibility, specific heat and Mossbauer spectral study of highly frustrated magnetic system like DyTiO_3 are reported. Magnetic properties of molecular magnets have also been investigated. EPR measurement on Mn(II) clusters in silica glass is indicative of supraparamagnetic transition at low temperature. Reciprocal space-real space direct methods have been applied successfully for ab-initio solution of a protein, lysozyme, without heavy atom. Donor-acceptor type heterojunction devices and dye-sensitized solar cells have been fabricated. A model has been developed to generate characteristics of light-emitting devices. Nanoparticles and nanorods of antimony selenide were prepared and optical and electrical properties were studied.

Spectroscopy

The highlight of achievements :

Laser flash photolysis experiments performed on different organic donor acceptor systems reveal the production of monomeric triplets, importance of hydrogen bonding effects, energy exchange via charge recombination process and enhancement of photobleaching efficiencies in non-polar environment. Identification of new and fascinating host-guest complexes of organic molecules in restricted geometry, dual fluorescence of some organic compound in reverse micelles and identification and mechanism of ultrafast excited state proton transfer have been done through photophysical studies.

Theoretical Physics

In the field of atomic and molecular physics Feshbach resonances due to the auto-detaching states of the positronium ion below the positronium excitation thresholds have been successfully predicted. First quantum calculations for antihydrogen-hydrogen scattering have been performed. Electron correlation effect has been studied for some two-electron transition processes.

In the field of condensed matter physics the relevance of effective theory for the edge fractional quantum Hall effect has been microscopically tested. A novel technique has been developed by which low energy spectrum for a fairly large number of uncommon fractional quantum Hall states can be obtained.

In the field of nonlinear dynamics it was shown by constructing a simple dynamical system analogous to the full system of spherical Bondi flow around a massive star, how the nonlinearity can actually select a particular trajectory at infinitely long times. This helps us understand how the transonic Bondi flow results in the steady state.

In the area of astroparticle physics, theoretical estimates of sea level muon spectrum at different zenith angles have been made and impressive agreement found with experimental data.

In the area of high energy phenomenology, a non-minimal supergravity framework has been identified where there is a possibility of having higgsino dominated lightest neutralino while having a smaller range of fine-tuning throughout the parameter space of the model.

In the field of gravitation and cosmology it has been shown that a spacetime with torsion can explain astrophysical signals like optical activity in radiation from distant galactic source. The implication for different compactification schemes has been explored.

Energy Research Unit

- (i) An indigenously designed and fabricated prototype production line for the fabrication of large area integrated double junction (30 cm x 30 cm) a-Si₁ solar modules have been set up and made operational in December, 2002. Initial trial with the line has been started.
- (ii) High growth rate (4.5 Å/Sec) has been achieved for intrinsic microcrystalline silicon films prepared by RF-PECVD method.
- (iii) Microcrystalline silicon based single junction solar cell has been fabricated with 6 % efficiency.

- (iv) Using transparent conducting ZnO (developed in our laboratory) at n/metal interface more than 10% increase in efficiency has been achieved in amorphous silicon solar cells.
- (v) A new PECVD deposited material has been developed and applied in single and double junction solar cell with higher stability.
- (vi) Plasma diagnostic of silane plasma mixed with different gases is on going.
- (vii) Using insight gained from theoretical modeling, specially the fact that the p/i interface for the pm-Si:H cells is considerably more damaged than standard a-Si:H based cells, the deposition parameters were optimised to ultimately yield pm-Si:H cells, with conversion efficiencies higher than a-Si:H cells.

Biological Chemistry

Total synthesis of tetra- and pentasaccharides related to the *Shigella dysenteriae* type 9 and *Escherichia coli* type 026 have been completed in view of our ultimate goal of preparing synthetic vaccines. Lectins from hemolymph of gastropod and fish sera have been purified to homogeneity by chromatography on ion-exchanger and affinity matrix and their erythroagglutinin properties have been studied.

Inorganic Chemistry

This includes : (1) Self assembly towards the construction of molecular ladder and rectangular grid of cadmium(II)-selenocyanate; (2) three new single end-to-end azide-bridged copper(II) chains using three different tridentate Schiff bases magneto-structural correlations; (3) valence delocalization in a mixed-oxidation divanadium(IV, V) complex electro generated from a divanadium(V) analogue; (4) electron transfer reactions involving monomeric manganese(III)- and bis(μ -oxo) manganese(III, IV) macrocycles; (5) new observations on copper(I)-water bond and electrooxidation of tetraphenylborate anion, (6) deamination reactions in osmium (II) complexes.

Organic Chemistry

The continuing research efforts have unfolded novel methods of carbon-carbon bond formation by metal mediated reactions, transition metal induced radical reactions, and Lewis acid catalysed and microwave assisted processes. Asymmetric synthesis via chirality transfer during photocycloaddition reaction is one of the most significant achievements. These methodologies have been successively applied for the total synthesis of bioactive substances like pseudo nucleosides, sesquiterpenes and allelopathic compounds. A number of heterocyclic systems have been synthesised through transition metal induced reactions for investigating structure-activity relationships.

Theoretical Physics

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Physical Chemistry

A theory of quantum Brownian dynamics has been developed. A new class of growth models with nonlinear diffusion has been proposed and its implication and applicability to several biological problems (e.g., tumor growth) is being explored. A picosecond diode laser has been set up and solvation dynamics of proteins has been studied by covalently attaching the probe to the protein. IR-UV double resonance spectroscopy in supersonic jets has been used to obtain structures of hydrated clusters of tetrahydro isoquinoline. Multireference coupled cluster theory has been developed to obtain detailed information about potential energy surfaces of molecules in which correlation effects are strong.

Polymer Science Unit

Researches in the following areas were conducted :

Living Polymers : Synthesis of living polyacrylamide (an important water soluble polymer) was accomplished for the first time using the atom transfer radical polymerization route.

Novel elastomer blends : Various combinations of accelerators and vulcanizing agents were investigated in order to improve upon the covulcanization of elastomers differing greatly in the level of unsaturation e.g. natural rubber + EPDM rubber.

Polymer crystallization : The crystallization of PET with the piezoelectric polymer poly(vinylidene fluoride) was explored.

Polymer gelation : Conductivity variation of polyaniline gels was studied. It was the thermodynamics of gelation of poly (3-alkyl thiophene) in xylenes.

Polymer based nanostructures : Progress has been made towards the synthesis of hollow polymer nano-capsules.

Polymer-surfactant interaction : Interaction between a physiologically important surfactant viz. bile salt and a biocompatible polymer, poly(vinyl pyrrolidone), was studied.

HONOURS AND AWARDS

Our faculty members have received national awards, they have been elected to distinguished Academies of Sciences and invited to address various national and international meetings.

10.6 INSTITUTE OF HISTORICAL STUDIES

Estd : 1961

35, Theatre Road

Kolkata - 700017

Phone : 2247-5236

The Institute of Historical Studies, Kolkata, founded by Dr. S. P. Sen, in April, 1961 as a pioneering organisation devoted to the cause of historical study and research completed the forty-fourth year of its fascinating history of sustained growth to attain a phenomenal height in the academic world. His dynamic and dedicated leadership enabled the Institute as his spiritual child to receive in its early formative phase the warm and enthusiastic support of scholars and academicians all over India and abroad on its way to becoming what it is today – a leading all India academic forum for the advancement of historical knowledge with international recognition. The institute is now an autonomous body, financed by both the Government of India and the Government of West Bengal on 50 : 50 basis.

ACTIVITIES DURING THE YEAR :

To organise seminars, lectures and discussion meetings on various subjects in different fields of academic and historical interest is an important part of our activities, besides organising the all-India annual conference with both general and local themes of academic discussion.

The 26th Founder's Day Celebration was held at the Institute on 8th and 10th June, 2005. The celebration was inaugurated with a day-long Junior Research Scholars' Seminar. The inaugural session was presided over by Swami Prabhananda, Secretary, The Ramakrishna Mission Institute of Culture, Gol Park, and was attended by Professor Dilip Coomer Ghosh, Treasurer, The Asiatic Society, Kolkata, as the Chief Guest. The Seminar evoked much enthusiasm among the Junior members of the Institute and their friends. Ten research scholars attached to different universities of West Bengal presented thoughtful papers on subjects of their specialization. The papers elicited lively comments and criticism.

On the second day Professor Suranjan Das, Pro-Vice-Chancellor for Academic Affairs, University of Calcutta delivered the Dr. S.P. Sen Memorial Lecture (2005) at a well-attended meeting in the presence of a learned audience. He spoke on 'Knowledge for Politics: The Use of Partisan History in India and Pakistan.'

On 13th August, 2005, Professor Ranjit Sen of the University of Calcutta delivered the Professor Nema Sadhan Bose Memorial Lecture. Professor Sen spoke on 'Anatomy of a Pensive Moment: 1905'. Professor Amalendu De presided over the meeting. The lecture was organised in collaboration with the Society for Preservation, Calcutta.

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The I.C.H.R. sponsored two-day national seminar on 'Understanding the History of Environment' was organised by the Institute in collaboration with the Department of History; Jadavpur University on 10th & 11th March, 2006. The U.G.C. sponsored two-day national seminar on 'Revolutionary Movement in Modern India with Special Reference to the role of Women' was organised by the Department of History, North Bengal University in collaboration with the Institute on 17th & 18th March, 2006. The Institute is endeavouring to organise seminars in collaboration with Malda College and Victoria Memorial Hall.

The forty-second Annual Conference of the Institute was held at Mumbai under the auspices of the Patkar-Varde College from 30th November to 2nd December, 2005. The Conference which met in the auditorium of the College was inaugurated by Dr. A.D. Sawant, Pro- Vice-Chancellor of the University of Mumbai, and the presidential address was delivered by Dr. A.R. Kulkarni, Professor Emeritus of History, University of Pune.

The Institute's library specialises in historical journals, Indian and foreign. We are trying to organise and augment our research library in the best interests of readers and members. Some valuable books will be purchased and efforts will be made for the collection of rare letters, documents etc. to make library holding attractive in terms of historical study and research.

The Quarterly Review of Historical Studies has earned distinction as one of India's prestigious journals maintaining an international standard of excellence. It is now running the 43rd year of its publication. The Institute undertakes in a planned manner, research publications for the promotion and advancement of historical knowledge. We are trying to bring out the third volume of our prestigious publication Dictionary of National Biography (Supplement) very soon.

The Indian Council of Historical Research has been pleased to sanction our proposal of a collaborative research project on 'History of Indian Historiography'. The project work is going on and we expect it to be a significant contribution in the field of historical knowledge. The Department of Higher Education, Government of West Bengal has kindly sanctioned our research project entitled 'Documentation of Dhokra Art of Bardhaman and Bankura Districts, West Bengal'. The project work has already started.

It is thus well evident that the Institute is quite active in performing its normal academic functions for the furtherance of historical research. This has been possible because of the kind co-operation and guidance from the members of the Executive Committee, historians from India and abroad, members and well-wishers of the Institute of Historical Studies.

10.7 PASCHIM BANGA ITIHAS SAMSDAD

Sarat Bose Bhavan,
1, Woodburn Park,
Kolkata – 700 020

Paschim Banga Itihash Samsad is one of the largest regional associations of professional historians, history- inclined academics and lay persons in India. It has maintained close link with the Indian History Congress for more than a decade now. The organization has more than 2000 members.

OBJECTIVES

The PBIS has consistently tried to promote the cause of teaching and research in history through the Bengali language and maintain links with other regional associations pursuing similar goals. It has also directed its efforts towards upholding secular and scientific values in all history – related endeavors. It has continued to devote its attention to rationalizing and updating the history curriculum followed in schools, colleges and universities of West Bengal. The publications of books and compilations of articles continued to form and integral part of Samsad's activities. The PBIS also organizes special lectures on education, political thought and historical geography apart from social and economic history of India.

Publications

1. **Itihash Anusandhan** , Vol 17, 816 pages.
2. **Itihaser Prekhite Kolkatar Sankhalaghu Sampradai** (Edited by Sk Makbul Islam)
3. **Paradhiner Romantikata o Jugosandhir Rabindranath** by - Professor Malini Bhattacharya, Jadavpur University
4. **Banglar Nabajagarane Sangati Asangatite Vidyasagar** by Professor Ashok Sen.

10.8 THE RAMKRISHNA MISSION INSTITUTE OF CULTURE

Estd. 1938

Gol Park, Calcutta - 700 029

Telephone : 2464-1303, Fax : (91-33) 2464-1307, E-mail : rmic@vsnl.com

The Ramkrishna Mission Institute of Culture is a Branch Centre of the Ramkrishna Mission, Belur Math. It was established in 1938 in a small rented room in North Calcutta and shifted to Gol Park in 1961. Pandit Jawaharlal Nehru inaugurated it on 1st November 1961.

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS _____

OBJECTIVES

The activities of the Institute are directed towards fulfillment of its three main objectives : (i) proper interpretation and appraisal of Indian culture, (ii) the promotion of mutual understanding between India and other countries, and (iii) the promotion of the study of cultural heritage of India and of mankind as a whole.

ACTIVITIES DURING – 2005-2006.

One of the most significant and remarkable accomplishments of the Institute during the year 2005 was the consecration and inauguration of the Annexe of the building of the Institute. The Consecration ceremony of the newly constructed Annexe building was held on Friday, 20th May 2005 with a special Puja, Homa and devotional songs in the gracious presence of srimat Swami Gahananandaji Maharaj, srimat Swami Abnasthanandaji Maharaj and Srimat Swami Gitanandaji Maharaj, Vice Presidents of the Ramakrishna Math and Ramakrishna Mission. Again on 6th November 2005, after unveiling a full-length (12 ft. high on a pedestal of 8 ft.) bronze statue of Swami Vivekananda in Gol Park Traffic Island, Srimat Swami Gahananandaji Maharaj, President, Ramakrishna Math and Ramakrishna Mission formally inaugurated the newly constructed Annexe of the Institute.

To continue regular activities for the spread of knowledge and promotion of higher values ,317 public functions were held throughout the year. Of this, 34 were public lecture, 148 were scripture classes and discourses, 5 were seminars and symposia, 90 endowment lectures, 6 special lectures, 15 recitals and Musical Festivals. The Institute also organized some special programmes to celebrate the Foundation day, Christmas Eve and to hold convocation and to inaugurate Swami Vivekananda in which there were 764 contestants and 75 candidates won prizes. On 17 June, a small marble statue of Swami Vivekananda kept in the Institute after being replaced from the Gol Park Traffic Island was installed in the campus garden.

The Library is the pivotal point of the activities of the Institute. With the extension and renovation of the Library in a new adjoining building there has been a spurt in the activities of the Library in a computerized environment. The Library has three wings -General, Children and Junior Section. The number of books purchased, obtained as gifts and bound periodicals during the year was 4700 raising the stock to 222993, (General 199595, Junior 7261, Children 14088, Research 2049). The average daily attendance for the Library was 1478.

The activities of the Institute are value-oriented. To encourage young people to imbibe the ideals of the Ramakrishna Mission, the Institute started a youth forum called Vivekananda Study Circle and later on another youth wing called 'Vivekananda Anushilan' for a deeper study of the life and philosophy of Swami Vivekananda. The Vivekananda Study Circle held 18 sessions during the year at the institute

with an average attendance of 12 in each session. The subjects discussed were: (1) Concept of History of Swami Vivekananda (2) Seva Dharma in the eyes of Swami Vivekananda (3) women progress in the eyes of Swami Vivekananda (4) Holy Mother in the eyes of Swami Vivekananda. The Vivekananda Anushilan conducted 22 sessions with an average attendance of 70. The Institute in its Value Orientation programme carried the man-making message of Swami Vivekananda further to the youth at large through 142 Youth Conferences held in 11 districts of Kolkata, Howrah, Hooghly, Nadia, Burdwan, Bankura, Murshidabad, Paschim Medinipur, Purba Medinipur, South and North 24 Parganas in which 28960 youths participated. Besides this, one central Youth Convention was held on 20 November 2005 at the Institute in which 1500 youth delegates from 80 organizations covering 11 districts took part.

The Institute organized Value Education Sessions in pursuance of the guidelines framed by the Department of Secondary and Higher Secondary, Ministry of Human Resource Development, Government of India at this Institute in two spells -one in April- May 2005 targeting three vital sectors of the society, namely, students, parents and teachers involving 713 participants in three separate sessions -one for 275 senior students and the other for 267 parents and 171 teachers, while the other spell was conducted during 26-30 December, 2005 involving 265 senior students from various schools and colleges of the state.

The Institute's activities towards dissemination of knowledge for different disciplines are supported by its publications and the Institute has a very active and productive Publication Department. The monthly Bulletin with contributions from eminent scholars on culture in all its aspects was regularly published every month and distributed among members, subscribers of the Institute and others. The popularity of the Bulletin in academic circles, both in India and abroad, is steadily rising. Among other publications brought out this year mention may be made of *Ramakrishna Movement*, *Mayer Chitti*, *Social Philosophy of Swami Vivekananda*, *Sarada Anudhyan*, *Swami Vivekananda as a Philosopher*, *A Hand Book on Value education*, Vol-I, & II. A good number of Institute's earlier publications were reprinted during the year.

The main thrust on the activities of the Institute being dissemination of Knowledge for the promotion of the concepts of harmony of religions and the basic unity of man and his culture and other higher values of life, research is the inherent and continuous activity of the Institute. In pursuance of this objective the institute carried on, during the year under report, research activities, as in the previous years, through the Department of Culture for Indological Studies and Research, with scholars from the country and abroad. During the year on 21 April the renovated Research dept. was inaugurated by srimat Swami Atrnasthanandaji Maharaj, Vice President, Ramakrishna Math & Ramakrishna Mission. On that occasion a book on 'Life, Mind and Consciousness', was released by Revered Vice President Maharaj. As some scholars have been awarded with doctorate and post- doctorate degrees, fresh scholars joined the Department to strengthen research activities. During 2005, the number of pre-doctoral and post-doctoral scholars are 15 & 4 respectively. Some foreign scholars have completed

their projects and gone abroad. At present there are a few foreign scholars in the Centre. The Centre in collaboration with UNESCO and the MHRD, Govt. of India, has launched an advanced course, 'International Understanding for Human Unity' which was inaugurated on 1 September 2005 by Dr Kapila Vatsayan, Executive Committee member, UNESCO, Paris and chaired by Swami smarananandaji Maharaj, General Secretary, Ramakrishna Math & Ramakrishna Mission. Eminent dignitaries like Mr Rohan P. Perera, acting Director, UNESCO, New Delhi, sudip Banerjee, Education Secretary, Govt. of India, spoke on the occasion. The Convocation of the Centre was held on 3 September 2005 where Dr Pratap Chandra Chunder, formerly Minister of Education, Govt. of India gave away the Prizes and Post-Graduate Diploma Certificates conferred by KaviKulguru Kalidas Sanskrit Vishwavidyalaya, to the successful students of the courses on Indology (5), 3-tier Functional Sanskrit (9) and Appreciation of Indian Art (22). A 12-day Sanskrit Workshop in Advanced level was conducted from 1 to 13 August, 2005 to promote Functional Sanskrit among the students, teachers of various colleges and universities. The Centre also conducted a Sanskrit debate competition on the motion 'Application of Science is opposed of Value Awareness', on 30 September 2005. Total 20 students from various school, college and universities participated and finally 8 contestants were selected to speak on the final day.

Established in 1995, now Vivekananda Archive is functioning as a wing of the Centre for Indological Studies and Research of the Institute. During the year under report it has been shifted to a bigger space at Swami Niranjanananda Hall of the Institute. Its objectives are: to collect all kinds of materials, specially publications in all languages, Indian and Foreign, on and by Sri Ramakrishna, The Holy Mother and Swami Vivekananda and his brother disciples, Sannyasins of the Ramakrishna Order and other personalities related to the Ramakrishna- Vivekananda Movement and also to help research scholars working on the same subject. During the year many scholars and researchers have visited the Archives and used the collection kept in the Archives. It added to its Library 206 books -48 souvenirs and 40 annual reports of various organizations on Ramakrishna Movement. It has undertaken some projects -(a) Compilation of a Bibliography of books written on and by Swami Vivekananda (b) to determine the dates/periods related to Swami Vivekananda's life and activities for preparing the Comprehensive Biography of Swami Vivekananda and (c) to search and collect names mentioned in the writings of Swami Vivekananda's works and names of persons in relation to Swami Vivekananda.

During the year the School of Languages moved into the new Annexe building in June 2005. The Institute's School of Languages is a major wing and centre of activities of the Institute. During the year, the school teaches 17 languages : five Indian -Bengali, Hindi, Sanskrit, Tamil and Urdu -and twelve foreign - Arabic, Chinese, English, French, German, Italian, Japanese, Latin, Persian, Portuguese, Russian and Spanish. 60 scholarships were given to needy students of the English language course by Share and Care Foundation of USA and 100 Oxford English Dictionaries were distributed among other needy and deserving students of English language. The Convocation of the School of languages was held on Saturday, march 26, 2005. Smt. Sujata Sen, Director, British Council

Division, East India, delivered the Convocation address and gave away the prizes and certificates. The Tulsi-Beena Goswami Debate Competition of 2005 was held on Friday, September 23, 2005 at the Audio Visual Room. The topic was "In the opinion of the House, ***India does not deserve democracy.***" 82 students participated in the debate. The Italian Consul General, Hon'ble Mr. Agostino Pinna, visited the School on Tuesday, July 26, 2005 and donated 15 Italian books for the students of Italian language. Professor Angelo Chiuchiu, Director, Accademia lingua Italiana, Assisi, donated some Italian books and cassettes to the School Library when our Italian teacher visited Italy to attend a refresher course at the University of Perugia. Mr. Roberto Davini, a research scholar at Calcutta University attended a few Italian classe. Hon'ble T. Fukaya, Vice Consul General of Japan and Mr Hiragaka, Chief Language Officer, Institute of Japanese Language, New Delhi, visited the Department on Wednesday, 27 July. The Japan Foundation donated 38 books and some cassettes to the School Library. Hon'ble Dr. Mary Lou McCloskey, Coordinator, ACCESS programme in Washington D.C. visited the School of Languages. Some of our French and German teachers attended workshops held at the Alliance Francaise and the Max Mueller Bhavan respectively. In the German department, seminars were held every month in the Audio Visual Room of the school. They were attended by all the German students and the speakers were our German teachers. The Spanish Ambassador, Hon'ble Mr. D. Rafael Conde de Saro visited the Institute in January. He met the teachers of the Spanish department and donated a lot of Spanish books to the school.

The Museum and Art Gallery of the Institute, a place of interest in the city of Kolkata has been gaining popularity with the visitors, particularly among the art- loving people of Kolkata. It helps people gain a representative knowledge of Indian Art in its diverse form. It has five major sections - Painting, Sculpture, Folk Arts, Manuscripts and Metal Wares. During this period the Museum did not purchase any object. Eight objects were rather gifted or donated by the persons/ organizations. The most important gift was the Solapith Idol of Goddess Durga made by Amiya Malakar of Birbhum gifted by Chandranath Chatterjee Street Sarbojanin Durgotsav Committee of Bhowanipur. A retrospective Exhibition of Manindra Bhusan Gupta was held in January 2005. It was inaugurated by the eminent artist Sri Dharendra Nath Brahma. The Annual Art Exhibition of the Sarada Devi school of Fine Art and Crafts was held on 29 January. It was inaugurated by His Excellency Governor of West Bengal Mr Gopal Krishna Gandhi. From the Academic Session 2004-05 the 10 month Post-Graduate Diploma Course on Appreciation of Indian Art was recognized by Kavi Kulguru Kalidas Sanskrit Viswavidyalaya, Ramtek, Nag pur. 29 students, as the first batch, appeared at the Post-Graduate Diploma Examination of this University. On 3rd September 2005, in the Convocation of the Indological studies, successful candidates of the Art Appreciation Course were honoured. A group of M.Phil students of Jadavpur University visited the Museum for deciphering Bengali manuscripts kept in the Museum. In November, students of the Art Appreciation Course visited Faculty of Visual Arts of Rabindra Bharati University. 2700 visitors visited the Museum during the year.

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The Institute, during the period under report, served half litre milk and 200 grams bread, a bun bread everyday to 450 poor children upto 6 years of age. They have been given Puja garments, woolen caps, sweaters and shoes too. Besides this, 300 pieces of blankets were given to poor, old destitute in winter.

The Institute has an International House meant for the Institute's Guests and for scholars and students who come from various parts of India as well as abroad. This helps create the bridge that unites minds and spirits of the people with different backgrounds. During 2005 the number of students, guests and scholars who stayed at this International House was 2344 of which 1 624 came from India and the rest from various countries, like U.S.A., U.K., Germany, Canada, Japan, Australia, China, Romania, Mexico, New Zealand, Korea, Sweden, Bangladesh etc.

During 2005-2006 with the income from endowments created by the donors, the Institute awarded annually a large number of scholarships and stipends to needy but meritorious students. Besides this, three scholarships of Rs. 1.00 lakh each for higher studies abroad were awarded to three scholars through Debesh-Kamal Scholarship and also a few more scholarships to Medical students in India. The total educational assistance rendered by the Institute during the year was Rs.18,94,080/-.

10.9 SOCIO-ECONOMIC RESEARCH INSTITUTE

Date of establishment : 7th July 1959

C-19, C-39 & P-16 (Tower Block), College Street Market, (1st Floor), Kolkata - 700 007

Phone : +91(033) 2241-0775, Fax : +91(033) 2219-8169

E-mail : socioecoresearch@vsnl.net

The Institute is devoted to the study of social and economic problems of India, past and present. Prof. Asis Kumar Banerjee is the President and Prof. Durga Prasad Bhattacharyya is the present Secretary of the organisation.

The ongoing research projects of the Institute are the following :

1. **Pre-Census Population Project of India sponsored by the Planning Commission and the Registrar General, India :**

The purpose of the project is to compile and publish descriptive and statistical materials on any part of India — Provinces, districts, cities, towns, taluks, thanas, villages from the ancient period of 1870 when the first census was conducted. It is proposed to publish 8 volumes, one volume for the period up to 1800, and one for each decade from 1801 to 1870. Four volumes relating to the period 1801-1840 have been published by the Registrar General, India. The manuscripts for Volume VI (1841-1850) and Volume VII (1851-1860) is ready for publication by the Registrar General, India.

1.1 The Registrar General, India has sanctioned a grant of Rs. 12,89,400 for compilation of three volumes - 5000 B.C. to 1800 A.D., 1861-1870 and a residual volume.

2. A Bibliography of Bengali writing on social sciences 1948 onward sponsored by the Indian Council of Social Science Research (ICSSR), Union Ministry of Human Resource Development :

The Institute has compiled a bibliography of economic and sociological writings in Bengali up to 1950 with the support of the ICSSR. The Paschim Banga Bangla Academy has published the bibliography of economic writings in Bengali. The Institute has completed a catalogue with annotation of books and articles for a bibliography of all branches of social science from 1948 to 1990 and the manuscript of secondary sources is ready for publication.

3. Economic History of India: Documents. 1858-1901—Agriculture and Irrigation—sponsored by the Indian Council of Historical Research (ICHR), Union Ministry of Human Resource Development :

Two volumes of the manuscript are in the press.

As requested by the ICHR, a proposal for compilation of materials on agricultural and irrigation of India has been submitted to them with a budget of Rs. 6 lakhs.

4. Bengali Writings on Science and Technology, 1800-1950 :

The Institute is going to publish Bengali Writings on Science and Technology, 1800-1950. The West Bengal Government has sanctioned a grant of Rs.25,000. The manuscript is being processed for publication.

10.10 SRI SRI SITARAMDAS OMKARNATH SAMSKRITA SIKSHA SAMSDAD

107, Southern Avenue, 'Vaikunthadham',
Kolkata - 700 029
Ph : 2466 4983

Activities during the year 2005-2006 :

The major activities of the Samsad during the year 2005-06, which are aimed at achieving its objectives, viz., propagation of Sanskrit and Vedic learning as also dissemination of the message of Indian culture, are enumerated below :

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The Samsad has become the premier Institute in the Eastern Region of the country imparting instructions in Sanskrit and other oriental subjects in accordance with syllabus prescribed by the Government of India. It is also concurrently running a very important traditional course leading to the titles of 'Adya', 'Madhya' and 'Upadhi', through Examinations conducted by the Vangiya Sanskrita Siksha Parishat, a wing set up by the Government of West Bengal to monitor Sanskrit learning in the State. Performance of its students in these examinations during the year was very satisfactory. Alongwith these courses students are also being taught in Modern Subjects and Computer Application with the ultimate object of preparing them to sit for the Secondary Examination. This will, no doubt, enlarge the scope of their employment. During the year in question, the Sam sad had been maintaining 61 students in its four units.

During the year two of its students who were eligible to appear at the All India Examination held annually by Maharshi Sandipani Rashtriya Vedavidya Pratishthan at Ujjain passed the said examination creditably.

The Samsad has a publication wing and a few books on Indology and Sanskrit and Bengali literature have already been published and few others are under process.

The Samsad had already set up a cultural unit, which holds such cultural programmes as would promote Indian culture. Besides, rich works in different areas of Indian culture and performing arts being carried on in this Unit.

Samsad as in previous years, the/organised during the year a few seminars and lectures on Indian studies and culture, each of which was intended to highlight the relevance of Sanskrit and Vedas in the contemporary world.

The Samsad does not confine its activities to traditional subjects alone, but it tries to make its students conversant with some basics of science and new scientific developments through discourses on various scientific topics.

As in previous years, this year also Samsad held its own Examinations at Kolkata in 'Adya', 'Madhya' and 'Upadhi' in accordance with syllabus drawn by the topmost scholars in the country. The Examinations evoked keen interest and as many as 500 candidates from various districts appeared thereat.

The Rashtriya Sanskrit Sansthan, a "Deemed University", which holds Examination every year on All-India basis in 'Sastri' and 'Acharya' courses, has entrusted the responsibility of conducting this All-India Examination at its Kolkata Centre, the Samsad. During the year 2005-06 the said examination was held in April, 2005 and about 350 students appeared thereat. The Examination was conducted by Samsad very smoothly and to the entire satisfaction of the University.

The Samsad has already established itself as one of the leading Research Institute in the country. As recommended by the State Government the following projects were earlier allotted to it by the Government of India :

(i) Compilation of Anthology; (ii) Art of Life; (iii) Compilation of a Dictionary of Sanskrit Poetics (iv) Iswar Chandra, Bankim Chandra, Swami Vivekananda, Sri Aurobindo and Rabindranath Tagore in Sanskrit.

While the work on the first two projects have already been completed and final Report sent to the Government of India, the work on the remaining two are in progress. Meanwhile two other important projects entitled "Translation of Certain Sanskrit Texts into Bengali" and "Relations between Sanskrit and Concepts originating in contemporary society", have been allotted to Samsad by the Government of India on the recommendation of the State Govt.

10.11 RAMKRISHNA MISSION ASHRAMA

Narendrapur, Kolkata - 700 103

Phone : 2477-2201, E-mail : rkmcnpur@vsnl.com, Fax : 2477-3597

Secretary : Swami Asaktananda

The Ramkrishna Mission Ashrama, Narendrapur, is a premier branch centre of the Ramkrishna Mission with a wide range of activities. It had a very humble beginning as a Students' Home for college students in North Calcutta in 1943 and later on shifted to its present site in 1957. The campus occupies an area of 150 acres with a road length of 7 km and stays rich green throughout the year. The activities of the Ashrama can be classified as :

Activities and Achievements (2005-2006)

Academic Attainments :

B.Sc. (Honours) Courses :

Year	Percentage of success	First Class holders in Honours
2005	100%	75 (Phy 19, Chem 25, Math 12, Stat 11, Eco 2, Comp Sc 6)

H.S. Course :

Year	Percentage of success	1st Div.	2nd Div.	Star Marks	900 marks & above
2005	100%	128	2	107	30

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H.S. J.E.E. -Results, 2005

Successful candidates : 124 (Medical – 32, Engineering – 92)

Student were successful in the Joint Admission to M.Sc.,2005 : All India Rank

Chemistry : IIT – 12, IISC – 3; Statistics : IIT –7, IST-1; Mathematics : IIT-4, TIFR – 1, IISC – 1;

Physics : IIT – 10, IISC – 2.

Game and Sports :

Regular training is given to the students to develop skills in sports, physical exercises and athletics. They played a number of friendly football, cricket and table tennis matches and participated in several tournaments organised by C.A.B and C.U in 2005-2006.

The college also co-hosted the VIth Inter Non-Government College Athletic Meet and Football championship 2005, along with the Department of Education, Government of West Bengal at Yubabharati Krirangan, Salt lake, held between 16th March and 23rd March, 2006.

The Annual College Sports was held on 9th and 10th December, 2005 at our Ashrama Sports complex.

Our college participated in the Inter-College Cricket Championship organised by the Department of Sports, Calcutta University in March, 2005. The Intra-College Table Tennis tournament was held between 3rd August and 30th August,2005.

Social Service (NSS) :

Social service camps are organised by the N.S.S. unit in rural areas where students and teachers work in collaboration with the local youth. Usually the regular programme of work includes road construction, road repair, cleaning tanks, adult literacy work, sale of T .B. seals, giving dictation to the blind boys, conducting classes for poor local students and the like. On 11th November, 2005, 171 students and inmates donated blood at a blood donation camp organised by the Voluntary Blood Donors Association, W .B., on our Brahmananda Bhavana Premises.

The students and the members of the College Staff contributed a sum of Rs.63,000/- towards Ramakrishna Mission Relief Fund for Tsunami.

N.C.C. :

The N.C.C. unit of the college has earned praise from many quarters. Six cadets passed the N.C.C. 'B' Certificate Exam, 2005 and two cadets passed the N.C.C. 'C' Certificate Exam, 2005. Our cadets

attended various N.C.C. Camps during the year 2005-2006 viz. N.I.C. at Salt Lake, Kolkata; C.A. T Campus organised by the different N.C.C. units at Barrackpore and Salt Lake. Twenty five cadets went to Kalyani on the occasion of the inauguration of the new branch of the Netaji Subhas Open University under the extension and reach-out programme of the college. One cadet attended the All India Trekking tour at Kerala from 09.01.2006 to 28.01.2006.

Placement Cell :

Seventeen students of B.Sc. 3rd Year have received 'Offer Letters' from COGNIZANT (CTS), Kolkata through Campus Interview held on 11.01.2006. In the last year five students from Computer Science of 3rd Year got the 'Offer Letters' from the same company. Four students of B.Sc. 3rd Year have received 'Provisional Offer Letters' from Wipro, BPO, Kolkata through Campus Interview held on 27.3.2006.

Conference and Seminars :

The 22nd Annual conference of the Paschim Banga Itihas Samsad was organised jointly by the Department of History and the PHIS, Kolkata on and from 24-26, January, 2006. More than 300 delegates from India and Bangladesh participated and presented papers.

The Department of Chemistry organised a seminar in association with the Chemical Research Society of India [Kolkata Chapter] to celebrate the National Chemistry Week on August 18, 2005.

Department of English organised a seminar on Indian Writing in English jointly with English Study Centre, on 10th February, 2006.

Career Oriented Programme :

The first batch of students of the UGC-approved Certificate Course in Functional English received their certificates in May, 2005. Prof. Shanta Mahalanobis, formerly of Bethune College and Calcutta University gave away the certificates to the successful candidates. The second batch of students has already taken the certificate examination in January, 2006.

Twelve students of UGC-approved Certificate Course in Tissue Culture have received certificates in 4th April, 2006. Five students of B.Sc 1st Year have appeared the examination held on 12th April, 2006.

The Post Graduate Course in Chemistry, affiliated to Calcutta University was formerly inaugurated on September 1, 2005.

10.12 CALCUTTA MATHEMATICAL SOCIETY

AE-374, Sector-I, Salt Lake City

Kolkata - 700 064

Phone : (91) (033) 2337-8882

Fax : (91) (033) 2337-6290

The Calcutta Mathematical Society undertook various activities during the year 2005- 2006, related to the development of teaching and research in Mathematics and Mathematical Sciences for which objectives the Society was established in 1908 at the Senate House of Calcutta University with Sir Asutosh Mookerjee as the founder President and Sir Gurudas Bandyopadhyay as one of its founder Vice-Presidents.

Major activities and achievements during 2005-2006 :

- 1) **Publication of Journals :** The Society has published all its four internationally recognized series of journals namely, 'Bulletin of the Calcutta Mathematical Society' (bi-monthly), 'Review Bulletin of the Calcutta Mathematical Society', 'News Bulletin of the Calcutta Mathematical Society' (monthly), and the new title 'Journal of the Calcutta Mathematical Society' for the year 2005.

Other Publication of the Society :

- i) Silver Jubilee volume of the Bulletin of the Calcutta Mathematical Society.
- ii) Golden Jubilee volume (Part I and II) of the Bulletin of the Calcutta Mathematical Society.
- iii) Sir Asutosh Mukerjee Birth Centenary Commemoration volume of the Bulletin of the Calcutta Mathematical Society (1964).
- iv) Proceedings of the Seminar on Scientific Contributions of Professor S.N.Bose (1973).
- v) Diamond-cum-Platinum Jubilee Commemoration volume (1984).
- vi) Research monographs of eminent Indian and Foreign mathematicians.
- vii) Proceedings of the International Symposium on Recent Advances in Mathematics and its Applications - ISRAMA 2004.

Library : Over the years, the library of the Society has attained the distribution of being one of the richest libraries in the country particularly in the field of Mathematics and Mathematical Sciences. Library has now more than 20,000 volumes of books and journals altogether. The Society has exchange relation with different Universities, Institutions and Learned Societies all over the world

under 'Jr. exchange programme'. Society now receives 120 foreign journals from USA, UK, Japan, Yugoslavia, China, Korea, France, Australia, Germany, Spain, Czechoslovakia, Italy, Poland, Canada and 25 journals from different states of India. Library also maintains manuscripts and letters of Professor S.N.Bose, Life History of Professor Bibhuti Bhusan Dutta (Later known Swami Vidyaranya). Several valuable papers of the eminent scientists like Meghnad Saha, C.V.Raman, S.Chandrasekhar, S.N.Bose, Ganesh Prasad and many others had been published in the Bulletin of the Calcutta Mathematical Society, which were bound and kept in the library.

Academic activities of the Calcutta Mathematical Society :

Seminar & Symposia : The Society organized National Seminar and International Symposium with the financial support from the Govt. of India and Govt. of West Bengal.

(A) National Seminar : Society organised a National Seminar on "Trends in Research and Education in Mathematics and its Application" during 6- 7 September, 2005 to celebrate its 98th Foundation day. More than one hundred Mathematicians and Physicists from different states of India participated in this Seminar.

(B) Symposium on Einsteinian Physics : The year 2005 was declared as the "Year of Physics" to mark the centenary of the year 1905 which saw the publication of the three seminal papers of Albert Einstein. Einstein theory brought about fundamental change in our views of space, time and matter. Calcutta Mathematical Society and Indian Statistical Institute, Kolkata jointly organized the Symposium on Einsteinian Physics to commemorate this event during 25-26 June, 2005 at the premises of the Society. Many distinguished scientists spoke on revolutionary work of Albert Einstein. The list included Professor K.B.Sinha (Director, Indian Statistical Institute, Kolkata), Professor N.Mukunda (Centre for Higher Energy Physics, I.I.Sc. Bangalore), Professor A.Banerjee and Professor S.Banerjee (Jadavpur University), Professor S.Sengupta and Professor J.K.Bhattacharya (Indian Association for Cultivation of Science), Professor S.Dattagupta (S.N.Bose National center for Basic Science, Kolkata), and many others. Professor M.Mizushima, Colorado State University, USA sent a summary of his contribution to the Symposium. The Symposium was actually a humble tribute to Albert Einstein, one of the most original thinkers of all time.

(C) International Symposium : Society organised an "International Symposium on Recent Advances in Mathematics and its Applications" (ISRAMA 2005) during 17-19 December, 2005. More than 200 scientists throughout the world participated in the Seminar from India and abroad. The programme included invited lectures by eminent researchers as well as contributed papers. Professor Sankar K Pal, Director, Indian Statistical Institute inaugurated ISRAMA 2005 and Professor M.R.Adhikari described the role of Calcutta Mathematical Society for promotion of Mathematics Education and Research. Renowned scientists, namely, Professor Erik Trelle (Sweden), Professor N .Manickam (USA),

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Professor Fabian Marian and Professor Karel Hasik (Czech- Republic), Professor I.H.Biswas (Norway), Professors T.Uchida and Akira Asada (Japan), Professors D.K.Salkuyeh and M.R.Molaei (Iran), Professor V.Ya.Vargashkin (Russia), Professor P .R.Gopalraj (South Africa), Professor N.Hamdani (Syria), Professor A.Sorli (Italy), Professor S.Bogdanovic (Yugoslavia), Professor V .Balan (Romania), Professor K.Dutta (USA), Professor B.Mukherjee (USA) to mention a few actively participated in the Seminar. Seminar provided an ideal forum for participating scientists to exchange ideas in the developments in different areas of Mathematics and their applications.

The Seminar and Symposium were organized with the financial support from Govt. of India and Govt. of West Bengal (Higher Education Department).

- The Society organised weekly lectures by the renowned Mathematicians for the benefit of the researchers and students.
- Different awards and scholarships from school level to research level were given during this period.
- Society organised different academic training programmes throughout the year to motivate the students to higher education in "Mathematics and Mathematical Sciences".
- Calcutta Mathematical Society is in the voyage to its centenary. Society lays out many new plans and programmes and has accepted the proposal for hosting the Asian Mathematical Congress 2008 during the centennial celebration of the Society, 2008- 2009.

10.13 INSTITUTE OF SCIENCE, EDUCATION AND CULTURE (ISEC)

ISEC House, 42-B, Syed Amir Ali Avenue

Kolkata - 700 017

Phone : 2280 1798 / 2247 7985

Fax : 9133-2247 4502

ISEC has been working for 25 years since its foundation on 25th November, 1980(1980-2005). We are happy to note that we are giving our service for 25 years to the nation in developing and propagating science, science education and science-based culture, for which Govt. of India stressing much for the development of our country, in the manner and method available to us. We publish a science journal, **Indian Science Cruiser** whose frequency is increased from four issues a year to five issues from January 2005. We organize seminars of topical interest for our members and other interested people and publish them in booklet form. These are available in permanent form. We also publish books, reports, booklets which are written by our members, most of whom are professors of universities/research centres and colleges. Some of our members are very much inspired to write

very high level papers/articles etc. To mention a few, the contents of the journals, books, seminars including **population growth, women education, various cultural patterns, various research themes of Sunderban area, agricultural items, environment issues, healthcare, etc.**

On the while, it has been possible to arouse interest in the activities of ISEC among people and our members from school level (higher secondary) to college and university levels, research levels and the members of scientific communities.

We give below some salient features of our activities during the year 2005-2006.

1. PUBLICATION OF JOURNAL : *INDIAN SCIENCE CRUISER*

ISEC publishes an international standard journal entitled, *Indian Science Cruiser*. This is now five issues a year from 2005 in January, March, May, August and November. ISEC has published the following issues :

Indian Science Cruiser, Vol 19, No 3, May 2005

Indian Science Cruiser, Vol 19, No 4, Aug 2005

Indian Science Cruiser, Vol 19, No 5, Nov 2005

Indian Science Cruiser, Vol 20, No 1, January 2006

Indian Science Cruiser, Vol 20, No 2, March 2006 (in press)

The journal is covered with up-to-date in formation on science, technology, medicine and also educational and environmental aspects.

2. ORGANISATION OF SEMINARS

ISEC organizes one seminar on Regional/National basis every year. This year on 25th February 2006 ISEC will organize a seminar on

Disasters: Natural and Manmade

In the Jibanananda Hall of Bangla Academy, Rabindra Sadan Complex, Kolkata. Many scientists, environmentalists, geologists, engineers -like

Prof. Sujay Basu, President of ISEC will address the participants, Dr. Alope Bagchi, Dr. Sisir Kumar Sen, Geologists, Prof. Sudip Banerjee, Chairman, West Bengal Pollution Control Board, Prof. N. C. Datta, Ex- President of ISEC and formerly of Zoology Department, Calcutta University, and other dignitaries will address on this occasion.

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3. INVITED TALKS/MEMORIAL LECTURES

Every year ISEC organizes Annual Lecture program on topical interest for its members, invited guests and other persons in the Annual General Meeting day. This year ISEC organized the lecture program on

"Culture"

by Prof Prasanta Roy, Department of Sociology, Presidency College, Kolkata on 23rd July 2005 in the 'Jibanananda Hall' of Bangla Academy, Rabindra Sadan Complex, Kolkata. Members and others who joined the program enjoyed very much.

4. PUBLICATION OF BOOKS/SEMINAR REPORTS, ETC.

In addition to ISEC mouthpiece, The Indian Science Cruiser, for dissemination of scientific knowledge and information, ISEC publishes science books/reports etc every year as per situation arises. A few books published by ISEC are in stock with the ISEC Library as follows :

i) Environmental Education & Training in a Developing Country, ii) Man, His Environment and its Pollution, iii) Patterns of Nature's Laws -An Introductory Approach, iv) Bharatiya Sunderban -Paribesh O Parichaya and v) Polymer Bigyan O Manab Samaj.

5. PARTICIPATION IN NATIONAL/INTERNATIONAL CONFERENCES

1905 is the Albert Einstein's Miraculous Year. For this, International Physics Community has set aside the year 2005 as the World Year of Physics as a tribute to Einstein's Centennial. On this occasion, West Bengal State Council of Science & Technology and Department of Science & Technology, Govt. of West Bengal have been organizing a series of lecture under the title "Bengal Science Lecture-2005". ISEC always invited to participate in such lecture programmes which are already reported in Indian Science Cruiser. A few such lecture sessions are i) Space Technology -by Prof. U R Rao on 12th August 2005 ii) Global Changes and India: Issues & Perspective -by Dr. A P Mitra on 9th September 2005 etc.

Foreign Correspondent of Indian Science Cruiser attended the 55th Meeting of Nobel Laureates in Landau, Germany from 26th June to 1st July 2005, the report of which is also published in Indian Science Cruiser, Vol. 19, No.3, May 2005 issue.

6. ISEC SILVER JUBILEE CELEBRATION

On 25th November 2005 members of ISEC installed the silver jubilee commemoration plaque in ISEC House, 42-B, Syed Amir Ali Avenue, Kolkata 700 017.

On 27th November 2006 there was a get-together with members, patrons, advisors in the Indumati Sabhagriha at National Council of Education, Bengal, Jadavpur, Kolkata 700032.

7. DEVELOPMENT OF TECHNICAL LIBRARY

ISEC maintains its library with various types of books on science, technology, education, medicine etc.

8. ACKNOWLEDGEMENTS

For fulfilling the activities mentioned above, ISEC gratefully acknowledges the yearly sanction from the Department of Science & Technology, Govt of India, New Delhi, and also Department of Higher Education, Govt. of West Bengal.

ISEC also acknowledges the support from WBIDC, State Bank of India, National Insurance Co Ltd, Allahabad bank, Dey's Medical Stores (Mfg) Ltd, etc for their help in publishing the journal Indian Science Cruiser. ISEC also acknowledges the financial assistance from benevolent members and many organizations.

10.14 INSTITUTE OF DEVELOPMENT STUDIES, KOLKATA

Calcutta University Alipore Campus,

1, Reformatory Street, 5th Floor,

Kolkata - 700 027

Ph. No. 2448-8178, E-mail : idsk1@vsnl.net / idsk@rediffmail.com

The Institute of Development Studies Kolkata (IDSK) has been promoted by the Government of West Bengal as an autonomous centre of excellence in social sciences. It was founded in 2002 as a society with an autonomous governing body with one of the most eminent historians in India, Professor Irfan Habib as President, Professor Amiya Kumar Bagchi as Director and with a Governing Council on which are represented the Vice-Chancellors of two leading Universities in West Bengal, namely Calcutta University and Jadavpur University. The Governing Council also includes such eminent academics as Professor Nirmal Chandra, Professor Suranjan Das, Professor V.K. Ramachandran and Professor Malini Bhattacharya as its members.

The IDSK is devoted to advanced academic research and informed policy advice in the areas of literacy, education, health, gender issues, employment, technology, communication, human sciences and economic development. Other programmes include training of research scholars in the social

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sciences working towards a Ph.D. The Institute is committed to the dissemination of its research findings through workshops, seminars, publications in the media, and other public counselling and education programmes. The most important new development in the area of teaching programmes has been the launching of a multidisciplinary M.Phil programme on Development Studies, in collaboration with the Centre for Social Sciences and Humanities, University of Calcutta. The course will commence in July 2006.

Important Activities during 2005-2006 :

- IDSK has carried out field survey-based research programmes on polio eradication communication campaign in West Bengal in collaboration with UNICEF.
- It has also conducted an assessment study of in-service training programmes under the West Bengal District Primary Education Programme (WBDPEP) in five purposively selected districts of West Bengal.
- It has taken up a project on monitoring school level history textbooks of West Bengal, sponsored by the Ministry of Human Resource Development, Government of India.
- A major project on the collection of documents on the economic history of British Rule in India 1858-1947 sponsored by the Indian Council of Historical Research is being coordinated by the IDSK.
- A monograph by Sumanta Banerjee, the outcome of a project of study of crime and urbanization in nineteenth-century Calcutta, that was sponsored by the IDSK, has been accepted for publication by Tulika, New Delhi.

Research Programmes :

A. Summer internship programme in collaboration with UNICEF

The IDSK supervised a group of four interns representing Canada, Taiwan and India who were engaged in a research-based documentation of 'Polio eradication communication campaign in West Bengal' over a period of eight weeks starting from 30 May 2005. This was a part of the 'Knowledge Community on Children in India (KCCI)' partnership initiative between Government of India and UNICEF.

The interns, trained in environmental engineering, law, social work, social planning and print media journalism, received basic inputs/orientation from the Faculty at the IDSK and various institutions/professionals involved in programme planning and implementation. Interns collectively chose to research the dynamics of 'resistance' in the context of polio eradication

communication campaign in West Bengal. The illustrative case study of 'Baro Kamaria' village -officially perceived as a pocket of 'resistance' in the programme -threw up certain new insights into factors associated with 'resistance' and their implications for policy and planning in polio communication. Major findings of the study were printed as a report and a short documentary film 'Fold, hide, catch: In search of resistance' was screened in workshops organized in Kolkata and Delhi.

B. An assessment of in-service training programmes under DPEP in five districts of West Bengal

This study sponsored by the State Project Office of the West Bengal District Primary Education Programme (WBDPEP) was completed in November 2005. It has examined the impact of the short duration in-service training programmes for teachers on primary education in the five districts of West Bengal, namely, Bankura, Birbhum, Coochbehar, Murshidabad and South 24 Parganas, where the DPEP was launched in 1997-98.

C. The programme on 'Women and media in the context of globalisation' funded by the Rosa Luxemburg Stiftung

The Institute of Development Studies Kolkata, as the nodal agency, and its four partners: School of Women's Studies, Jadavpur University, Institute of Women's studies, Lucknow University, School of Women's Studies, Utkal University and Women's Studies Research Centre, Guwahati engaged in the project devoted to research and advocacy have made substantial progress in 2005. Research work and dissemination continued hand-in-hand.

D. The project on 'Monitoring of school level history textbooks'

The IDSK has undertaken a project on 'Monitoring of school level history textbooks of West Bengal' sponsored by the Ministry of Human Resource Development, Government of India. For this it has set up a (history textbook) monitoring cell. The cell is supervised by Dr. Ramkrishna Chatterjee as the Project Director and Shri Saubhik Bandopadhyay as the Project Co-ordinator. The objective of the project is to pinpoint the errors, inaccuracies, distortion and deliberate falsification of history that are found to be infiltrated in many of history textbooks and to guard against the possibility of young minds being poisoned by communalism or linguistic, or regional chauvinism or chauvinism of any other variety.

E. The Project on 'Documents on economic history of British Rule in India 1858- 1947'

The Indian Council of Historical Research has appointed Professor Amiya Kumar Bagchi

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General Editor of the project of compiling the basic documents on the economic history of India under British rule and Professor Arun Bandyopadhyay, Nurul Hasan, Professor of History, Calcutta University Associate Editor of the project. Under the original scheme of the project, which had been initiated in 1991-92 but then discontinued for some years, Dr Bhubanes Misra had compiled three volumes of railway documents pertaining to the period and these had been published by the ICHR.

Conferences, Seminars and Workshops :

Training-cum- research workshops

a) Certificate Course on 'Literature in the Social Sciences'

A certificate course on 'Literature in the Social Sciences' was organized by the Institute of Development Studies Kolkata in collaboration with the Centre for Social Sciences and Humanities, University of Calcutta, from 20th to 24th June 2005. It was coordinated by Professor Subhoranjan Dasgupta and Dr. Barnita Bagchi of IDSK. The objective of the course was to familiarize as well as to refresh teachers and research scholars with issues in the chosen area.

b) Regional Workshop on 'Implementation of PCPNDT Act 1994'

The Pre-conception and Prenatal Diagnostic Test (PCPNDT) Act came into force in 1994. Subsequently, following a Supreme Court order regarding its proper implementation, certain amendments were made to the Act. The declining sex ratio particularly in the 0 to 6 age group population is a matter of grave concern. It was expected that proper implementation of the PCPNDT Act would check pre-natal sex determination and elimination of the female foetus within the womb at least to some extent. However, although there has been ample time for implementing the Act, we find that there are grave lacunae in the actual implementation, and there is no sign that the decline in child sex ratio has been halted. The infrastructure set up by most states for implementing the Act is still defective. Recent studies show that in certain parts of Eastern India too the use of prenatal diagnostic tests spread fast. For instance, the metropolitan areas of Kolkata showed a steep decline in the 0-6 child sex ratio between 1991 and 2001. In order to address these problems, the Institute of Development Studies Kolkata (IDSK) organized a two-day regional workshop at Swasthya Bhawan, Kolkata on 1 and 2 February 2006, sponsored by the National Commission for Women.

c) **Conference on 'Narratives of Development' held between 27-29 March 2006**

During 27-29 March 2006, the IDSK organized a conference on 'Narratives of Development' in collaboration with the Centre for Social Sciences and Humanities, University of Calcutta. The Governor of West Bengal, Shri Gopal Krishna Gandhi inaugurated the conference with an address focusing on a vivid historical 'narrative of development', a document recording a meeting in Sevagram just after Gandhi's assassination, attended by some of India's leaders and social workers.

Lectures delivered by visiting scholars

- On 11 May 2005, Shri Jawhar Sircar, IAS, Principal Secretary, Department of Higher Education, Government of West Bengal delivered a lecture on 'The construction of the Hindu identity in medieval Western Bengal: The role of popular cults'.
- On 22 July 2005, Dr. Des Gasper, Institute of Social Studies, The Netherlands gave a talk on 'Subjective and objective well being'.
- On 31 July 2005, Professor Amartya Sen gave a lecture on 'The ancient argument and modern democracy' at Nandan in Kolkata, largely based on his book "The Argumentative Indian: Writings on Indian History, Culture and Identity" published by Penguin India / Allen Lane. The lecture was organized by Penguin India, the IDSK and Confederation of Indian Industries.
- On 9 September 2005, Shri Binayak Ray, Visiting Fellow, Department of Political and Social Change, the Australian National University delivered a talk on 'Corruption: Perceptions, realities and policy implications'.
- On 5 October 2005, Professor Immanuel Ness, Professor of Political Science, Brooklyn College, University of New York gave a talk on 'Workers of the world: Class struggle and the politics of global labour migration'.
- On 11 November 2005, Professor Robin Ghosh, former Professor of Economics at the University of Western Australia, the President of the Institute of Development Studies, Australia and also the editor of the *Atlantic Journal of Development Studies* delivered a lecture on 'Adam Smith on capital accumulation and economic growth: Another perspective'.
- On 23 December 2005, Dr. Indraneel Dasgupta, School of Economics, University of Nottingham, UK delivered a lecture on 'Evasive reform: Informalisation in a liberalized economy with wage-setting unions'.

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- On 26 December 2005, Professors Abhijit Banerjee and Arundhati Banerjee, Massachusetts Institute of Technology, gave a seminar on 'The name of the disease: Challenges of delivering health care in rural India' which was illustrated by a film. The seminar was organized by the IDSK in collaboration with the Government of West Bengal.
- On 6 February 2006, Professor Marika Vicziany, Director, Monash Asia Institute and Advisor on South Asia to the Dean of Arts, Monash University, Australia, gave a talk on 'Bang for the buck: Chinese and Indian defence expenditures'.
- On 10 February 2006, Professor Peter Kulchyski, Professor of Native Studies, University of Manitoba, Canada delivered a talk on 'Aboriginal rights in Canada'.
- On 21 February 2006, Professor Irfan Habib, formerly Professor of Aligarh Muslim University, delivered a lecture on 'Towards writing people's history of India'.

Library

The library of the IDSK has continued to grow through purchases of books and journals, and gifts from individuals and institutions. It has received a further installment of books for the Michael Sprinker collection from Dr. Modhumita Roy and a collection of about 1900 books from Shri Parimal Dasgupta, which we are going to designate as the Parimal Dasgupta collection.

APPENDICES

- APPENDIX - I (A) : Subject Code**
- APPENDIX - I (B) : Colleges and Subjects**
- APPENDIX - I (C) : Selected Educational Statistics (MHRD)**
- APPENDIX - II : Decadal Growth of Colleges Since 1811
(Excluding Technology Colleges)**
- APPENDIX - III : U. G. C. List of Fake Universities**
- APPENDIX - IV : U. G. C. List of Vocational Subjects**

APPENDIX – I (A)

SUBJECT CODE

SUBJECT	CODE	SUBJECT	CODE
ELECTIVE LANGUAGE GROUP (L)		ELECTIVE HUMANITIES GROUP (HU)	
Bengali	B	History	H
English	E	Pol. Science	Ps
Sanskrit	S	Philosophy	Phil
Hindi	Hin	Education	Edn
Nepali	N	Sociology	Soc
Tibetan	T	Music	Music
Arabic	Ar	Film Studies	F. Stud
Urdu	Ur	Journalism	Jour
Persian	Per	Physical Education	Ph. Edn
Alternative Bengali	Alt. Beng	Islamic History & Culture	I.H.C.
Santali	Santali		
ELECTIVE SCIENCE GROUP (SC)		COMMERCE GROUP (COM)	
Physics	Ph	Accountancy	Ay
Chemistry	Ch	VOCATIONAL SUBJECTS (VOC)	
Mathematics	M	Functional Hindi	F.Hin
Zoology	Zoo	Office Management & Secretarial Practice	OMSP
Botany	Bot	Tax Procedure & Practice	Tax. Prac
Economics	Ec	Communicative English	Comm. E
Anthropology	Anthro	Clinical Nutrition & Dietics	Cl. Nut
Statistics	Stat	Micro-Biology	Mi.Bio
Computer Science	Comp.Sc	Computer Education/Application	Comp. App
Electronics	Elect	Sericulture	Ser
Geology	Geo	Tourism & Travel Management	TTM
Geography	G	Information Technology	I.Tech.
Plant Protection	Plt.Prot	Communication/Instrument	Commu/Instru
Industrial Chemistry	Ind.Chem	Agro-Service	AG
Psychology	Psy	Industrial Fish & Fisheries	IFF
Physiology	Phy	Advertisement Sales Promotion & Sales Management	Ad. Sale
Molecular Biology	M.Bio	Seed Technology	Se. Tech
Bio-Physics	Bio.Phy	Archaeology and Museology	Arch.M
Bio-Chemistry	Bio.Chem	Environment & Water Management	Env. & W.
Defence Studies	Def.Stud	Engineering	Engg
Nutrition	Nut	Human Development	H.Dev.
Genetics	Gene	Electronic Equipment Manitenance	EEM
Bio-Technology	Bi Tech.	Mass Communication & Videography	Mass Comm & Video

APPENDIX - I (B)

COLLEGES AND SUBJECTS

KOLKATA (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharyya Jagadish Chandra Bose College(1968) 1/1B, A.J.C.Bose Road, Kolkata-700 020 Ph. 2282-5181	B, E, Ps, Edn, Jour, Hin, Phil	B, E, Hin	Ph, Ch, Ec, M, Zoo, Bot, Phy, Stat, Comp. Sc	Ph, M, Ch	All Com. Sub	Ay	B.Ed	
2.	Ananda Mohan College(1961) 102/1, Raja Ram Mohan Sarani Kolkata-700 009 Ph. 2352-7327 2360-5767	B, E, S, Hin, H, Ps, Phil	B, E, Phil	Ph, Ec, Ch, M., Zoo, Bot, Phy	Ph, M, Ch, Zoo, Ec, Phy	All Com. Sub	Ay		
3.	Asutosh College (1916) 92, Shymaprasad Mukherjee Road Kolkata-700 026 Ph. 2455-4504/2371	B, E., S, Hin, H., Phil, Ps, Soc. Jour	B, E., S, H, Phil, Ps, Soc, Jour	Ph, M, G, Ps, Ch, Ec, Zoo, Bot Stat, Geo, Comp. Sc, M.Bio, Psy, BioCh. Mi.-Bio	Ph, M, Ch, G, Ec, Zoo, Bot., Stat., Comp. Sc., M.Bio, Psy, Geo, Bio-Chem, Mi.-Bio			PG in Zoo. IFF. Video	2(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Bangabasi College (1887) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-0273 2360-5995	B, E, S, Hin, Ps, Phil, H	B, E, S, H, Phil, Ps	Ph, M, G, Ch, Ec, Zoo, Bot, Comp Sc., Anthro	Ph, M, Ch, G, Zoo, Ec, Bot, Anthr, Comp. Sc.	All Com. Sub	Ay		
5.	Acharya Girish Chandra Bose College (1964) 35, R. K. C. Sarani Kolkata-700 009 Ph. 2351-0304 2350-9210					All Com Sub	Ay		
6.	Bangabasi Morning College (1965) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-9210	B, E, H, Hin, Ur, Phil, Ps.	B, E, Ps	Ec, Ph, Ch, M, Zoo, Ec, Bot, Comp. Sc. Anthro	M, Comp. Sc.	All Com Sub	Ay		
7.	Bangabasi Evening College (1964) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2351-0304 2360-6180	B, E, S, Hin, S, H, Ps, Phil	B, E, H, Ps	Ph, Ch, M, Bot, Zoo, Ec, Anthro	M, Ec,				
8.	Basanti Devi College (1959) 147-B, R. B. Avenue, Kolkata-700 029 Ph. 2464-1012 2463-0845	B, E, S, H, Phil, Ps, Edn	B, E, S, H, Phil, Ps Edn	Ec, Ph, Ch, M, Stat	Ec, M, Ph				

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Bethune College (1879) 181, Bidhan Sarani Kolkata-700 006 Ph. 2241-1731	B,E,S,Ps. Phil,H.	B,E,S,H, Ps,Phil	Ph, Ch, M, Zoo, Bot,Ec	Ph,Ec, Ch,M, Zoo, Bot,				
10.	Bhawanipur Education Society College (1966) 5, Lala Lajpat Rai Sarani, Kolkata-700 020 Ph. 2280-5701/5702/ 3281	B, E, Ur, Hin, H, Ps, Phil, Edn	E, H, Ps, Phil, Edn	Ph, Ch, M, Stat, Ec, Bot, Zoo, Elect, Comp Sc.	Ph, Ch, M,Ec, Zoo, Bot	All Com Sub	Ay	Comp Mgnt	
11.	Calcutta Girls' College (1964) 169, Lenin Sarani, Kolkata-700 013 Ph. 2245-0414	B, E, Ur, H, Hin, Ps, Edn, Ec	B, E, Hin, Ur, H			All Com Sub	Ay		
12.	Charuchandra College(1947) 22, Lake Road, Kolkata-700 029 Ph. 2466-3771	B, E, H, Ps,Hin, Phil., Edn, Jour	B,E,Ps	Ec, Ph, Ch,M, Zoo, Bot, Stat	Ec, M, Ph, Ch, Zoo, Bot	All Com Sub	Ay		
13.	Naba Ballygunge Mahavidyalaya (1985) 27E, Bosepukur Road Kolkata-700042 Ph. 2441-1710	B, E, H, Hin, Ec, Phil, Ps	B			All Com Sub	Ay		
14.	Chittaranjan College(1967) 8A, Beniatola Lane, Kolkata-700 009 Ph. 2241-4547/4570	B, E, H, Hin, Ps, Phil, Edn				All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	City College(1884) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph. 2350-1565/6505	B, E, S, H, Ps, Phil.	B, E, S, H, Phil, Ps.	Ph, M, Ch, Ec, Zoo, Bot, Phy	Ph, M, Ch, Ec, Zoo, Bot, Phy.	All Com Sub	Ay		
16.	City College of Commerce(1961) 13, Surya Sen Street, Kolkata-700 012 Ph. 2241-1065					All Com Sub	Ay		
17.	Deshbandhu College for Girls 45/C, R. B. Avenue, Kolkata-700 026 Ph. 2464-0349 2463-0349	B, E, S, H, Phil, Ps, Edn.	B, E, H, Edn.	Ec, G, M.	G,	All Com Sub		BBA	
18.	Goenka College of Commerce (1860) 210, B.B. Ganguly St, Kolkata-700 012 Ph. 2241-2216					All Com Sub	Ay		
19.	Gokhale Memorial Girls' College(1938) 1/1, Harish Mukherjee Road, Kolkata-700 020 Ph. 2223-8287 2223-2351	B, E, S, Hin, H, Phil, Ps, Edn.	B, E, H, Hin, Ps, Edn, Phil	G, M, Ec, Ph, Ch, Psy, Elect	G, Ec, M, Psy, Elect.			Ad. Sale Cl. Nut Comm. Eng,	
20.	Gurudas College (1956) Narkeldanga, Kolkata-700 054 Ph. 2350-3841 2353-6653	B, E, S, H, Ps, Phil, Soc	B, E, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Comp.Sc, Mi. Bio, Stat	Ph, M, Ch, Zoo, Bot, Ec, Mi, Blo, Comp.Sc, Bio-Ch	All Com Sub			

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
21.	Sir Gurudas Mahavidyalaya (1968) Murari Pukur (Ultadanga) Kolkata-700 067 Ph. 2356-1998	B, E, H, Ps, Edn	B, E			All Com. Sub	Ay		1
22.	Heramba Chandra College (1961) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2440-6689	B, E, H, Ps, Edn	B, E, H, Ps, Edn	Ec, G, Bot, Phy	Ec, G	All Com. Sub	Ay		
23.	Harimohan Ghosh College(1963) J-206 & 208A, Paharpur Road, Garden Reach, Kolkata-700 024 Ph. 2469-3641	B, E, H, Ur, Ps, Edn	B, E, H, Ps	Ec, Ph, Ch, M, Bot, Phy	Ec, M, Phy	All Com. Sub	Ay		
24.	Jogmaya Devi College(1958) 92, S.P. Mukherjee Road, Kolkata-700 026 Ph.2455-5243	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil	Ph, Ch, M, Ec, G, Zoo, Geo, Bot, Stat Psy	Ph, Ch, M, Bot, Zoo, G, Ec, Geo, Psy	All Com. Sub		Comm. Eng	
25.	Jogesh Chandra Chaudhuri College (1965) 30, Prince Anwar Shah Road, Kolkata-700 033 Ph. 2417-4622/3042	B, E, H, Hin, Ps, Phil, Edn, Soc	B, E, Hin, H, Ps, Edn, Phil	Ec, Ph, Ch, M, Comp Sc, G, Elect, Bot, Zoo, Phy	Ph, M, Ch, Ec, Comp Sc, Elect	All Com. Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
26.	Khudiram Bose Central College(1956) 77/2, Bidhan Sarani, Kolkata-700 006 Ph. 2555-7102	B, E, H, Hin, Ps, Edn	B, E, H, Edn			All Com. Sub	Ay		
27.	Kidderpore College (1966) 2 & 3, Pitambar Sarkar Lane, Kolkata-700 023 Ph. 2459-7790/7900	B, E, Per, Jour, Ur, Hin, Ps, H, Phil Edn	B,Ur,Hin, E,Ps,H, Phil, Edn	M, Ec	Ec	All Com. Sub	Ay		
28.	Loreto College (1912) 7, Middleton Row, Kolkata-700 071 Ph. 2229-6030 2246-3444	B, E, H, Hin, Ps, Edn, Fr	E, H, Ps, Edn	G, Ec, Psy	G	All Com. Sub		Comm. Eng	1(G)
29.	Lady Brabourne College(1939) P1/2,Suhrawardy Ave, Kolkata-700 017 Ph. 2244-8120	B,E,S,Ur, Hin,Per, H,Ps,Phil, Soc	B,E,S,Ur, Per,H, Ps, Phil, Soc	Ph,Ch, M,Bot, Zoo,G, Ec	Ph,M, Ch,G, Bot, Ec, Zoo				1(G)
30.	Maulana Azad College (1926) 8, R. A. Kidwai Road, Kolkata-700 013 Ph.2244-3737	B,E,S,Ur, Ar,Per,H, Ps,Phil	B,E,S,Ur, Ar,Per,H, Ps, I.H.C.	Ph,Ch, M,Zoo, Stat,Ec, Mi.-Bio	Ph, Stat, Ch,M, Zoo,Ec, Mi.-Bio			Def. Stud, PG (Zoo)	1(B)
31.	Maharaja Manindra Chandra College(1941) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-4562	B, E, H, Ps, Phil, Jour, Hin	B, E, H, Ps, Phil	Ec, M, Ph, Ch, Stat, Elect, Comp.Sc, Bot, Zoo	Ec, M, Ph, Ch, Comp. Sc	All Com. Sub	Ay	Comp. App.	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
32.	Maharaja Sris Chandra College(1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-5810	B, E, H, Hin, Ps, Edn, Ec	B, E, Hin, H, Ps			All Com. Sub	Ay	OMSP	
33.	Maharani Kashiswari College (1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-6325 2530-2008	B, E, S, H, Ps, Phil, Edn, Soc	B, E, S, H, Ps, Phil, Edn, Soc	Ec, Stat, M, Ph, Comp Sc, F & Nut	Ec, F & Nut			TTM	1(G)
34.	Milli Al-Ameen College (2000) 43, Hare Krishna Konar Road, Kolkata-700 014 Ph. 2284-5637/4818	B, E, Ur, Ps, Edn, IHC, G, H	E, Ur, Ps			All Com. Sub			
35.	Muralidhar Girls' College(1940) P-411/14, Gariahat Road, Kolkata-700 029 Ph. 2464-1312/4371	B,E,S,H, Phil,Ps, Edn,Soc, Jour, Psy	B,E,S,H, Phil,Ps, Edn,Jour, Phil, Psy	M, Ec, G, Bot,	Ec, G,			TTM	
36.	Netajinagar College (1967) 170/436, N.S.C.Bose Road,Regent Estate, Kolkata-700 092. Ph. 2411-5445	B, E, Ps, H, Jour	B, E, H, Jour,	G, Ec	G	All Com. Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
37.	Netajinagar Day College(1986) 170/436, N.S.C.Bose Road,Regent Estate, Kolkata-700 092 Ph. 2411 5301	B, E, Ps, H, Phil Edn	B,E,H, Ps	Ph, Ch, M, Bot, Zoo, Ec, Phy, G, Comp.Sc Elect	Ph,Ec Ch,M, Bot,G, Comp. Sc.	All Com Sub	Ay		
38.	Netajinagar College for Women(1986) 170/13/1, N.S.C.Bose Road,Regent Estate, Kolkata-700 092 Ph. 2411-6711	B, E, H, Phil, Ps, Edn, Film, Std	Edn, H	Ph, M, Ch, Zoo, Bot, Ec, Phy	Zoo, Ec, Phy				
39.	New Alipore College (1963) L-Block,New Alipore Kolkata-700 053 Ph. 2478-0224 2445-2131	B,E,S,H, Phil,Ps	B,E,H,Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec, Stat, Comp. Sc	Ph, M, Ch, Ec	All Com. Sub	Ay		
40.	Presidency College (1817) 86/1, College Street, Kolkata-700 073 Ph. 2241-1960	B, E, H, Hin, Ps, Phil, Soc	B, E, Hin, H, Ps, Phil, Soc	Ph, Ch, M, Bot, Zoo, G, Phy, Ec, Stat, Geo	Ph, G, M, Ch, Bot, Ec, Zoo, Phy, Stat, Geo			M, Bio PG in Bot, G, Ph, Ch, Geo, Zoo, Phy, Appld. Ec, Hin	1(B) 1(G)
41.	Prafulla Chandra College (1954) (Evening) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2461-2689/1236 2460-2160	B, H, E, Ps	B, E, H, Ps	Ec, M, Geo	G	All Com. Sub	Ay	Fin. Mkt.	

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
42.	Rammohan College (1961) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph. 2350-5687	B, E, S, Hin, H, Phil, Ps, Edn	B.E,S,H, Phil, Ps, Edn	G, Ch, M, Ph, Zoo, Ec, Bot, Phy,	G, Ch, M, Ph, Zoo, Ec,Bot, Phy,	All Com. Sub	Ay		1(G)
43.	Rani Birla Girls' College (1961) 381, Shakespeare Sarani, Kolkata-700 017 Ph. 2247-5509	B, E, H, Hin, Ps, Phil, Edn, Soc	E, Ps, Edn, H	G, Ec	Ec				
44.	Sanskrit College (1824) 1, B. Chatterjee Street Kolkata-700 073 Ph. 2241-3611	B, E, S, Ling, H, Ps, Phil, Soc, Ec, Anthro	B,E,S,H, Ling, Ps, Phil, Soc, Anthro						
45.	Savitri Girls' College (1972) 13, Muktaram Babu St. Kolkata-700 077 Ph. 2269-4240 2273-8284	B, E, H, Hin, Ps, Phil, Ec, Edn, H.Devp	E, Hin, H, Edn			All Com. Sub	Ay		
46.	Scottish Church College (1830) 1&3, Urquhart Square, Kolkata-700 006 Ph. 2350-3862	B, E, S, H, Ps, Phil, Soc, Hin, Ph, Edn	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Stat, Comp. Sc., Mi.Bio	Ph, M, Ch,Ec, Zoo, Bot, Comp. Sc., Mi.Bio			Food Sc, & Q. Control	3(B) 2(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
47.	Seth Anandaram Jaipuria College (1945) 10, Raja Nabakrishna St. Kolkata-700 005 Ph. 2555-4117/3647	B, E, H, Hin, Ps, Phil	B, E, Hin, H, Ps, Phil	M, Ph, Ch,Bot, Zoo,Ec, Comp. Sc., Elect	Ph,Ec, Ch,M	All Com. Sub	Ay	Funct Hin, OMSP Tax Prac	
48.	Seth Soorajmull Jalan Girls' College (1954) 8-9, Bankim Chatterjee Street, Kolkata-700 073 Ph. 2241-5256 2219-6947	B, E, H, Hin, Phil, Ps, Edn	E, Hin, Phil, Ps	G, Ec		All Com. Sub	Ay		
49.	Sivanath Sastri College (1955) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2440-6689	B, E, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Phil, Edn	Bot, Ec, G	G	All Com. Sub	Ay		
50.	South Calcutta Girls' College (1932) 72, Sarat Bose Road, Kolkata-700 025 Ph. 2475-3785 2454-2265	B, E, S, H, Phil, Ps, Jour, Edn	B, E, H, Phil, Ps, Edn, Jour	G, Ec, M, Zoo, Bot, Phy	G, Ec, Bot				1(G)
51.	Shri Shikshayatan College (1955) 11, Lord Sinha Road, Kolkata-700 071 Ph. 2282-6033/7296	B, E, H, Hin, Ps, Edn, Phil, Ur	B, E, Hin, H, Edn, Ps,	Bot, M, G, Ec, Ph, Ch, Zoo	Ec, Bot, G	All Com. Sub	Ay	B, Ed	

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons	Gen	Hons		
52	St. Paul's Cathedral Mission College (1860), 33/1 Raja Ram Mohan Sarani, Kolkata-700 009 Ph. 2350-3682 2360-0753	B, E, H, Phil, Ps, Soc	B, E, H, Phil, Ps	Ph, M, Ch, Ec, Zoo, Mi.-Bio	Ch, M, Ph, Ec, Mi.-Bio				1(B)
53	St. Xavier's College (1860) 30, Park Street Kolkata-700 016 Ph. 2247-7278/9966	B, E, H, Hin, Ps, Soc, Film Stud Jour	E, Ps, Soc	Ph, M, Ch, Stat, Ec, Mi Bio	Ph, M, Ch, Ec, Stat	All Com. Sub	Ay	Mass Comm Video	2(B)
54	Surendranath College(1884) 24/2 M. G. Road Kolkata-700 009 Ph. 2350- 2864 2354-3876	B, E, S, Hin, Ur, Phil, Ps, H	B, E, S, Ps, Phil, H	Ec, Ph, Ch, M, Phy, Zoo, Bot, Stat, Comp. Sc, Mol.Bio	Ec,Ph, Ch, M, Bot,G, Zoo, Phy, Comp. Sc, Mi Bio, Psy, Stat	All Com. Sub	Ay		
55	Surendranath College for Women (1948) 24, M. G. Road Kolkata-700 009, Ph 2350-2389	B, E, S, H, Phil, Ps, Edn	B, E, S, H, Phil, Ps, Edn	G, Ec,	G, Ec	All Com. Sub	Ay	Comm. Eng.	
56	Surendranath Evening College (1961) 24/2, M G Road, Kolkata-700 009, Ph. 2350-9011	B, E, S, H, Phil, Ps, Ur, Hin	B, E	Ph, M, Ch, Elect, Comp Sc, Ec	Elect	All Com. Sub	Ay	EEM	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen	Hon	Gen	Hon		
57	Syamaprasad College (1916) 92, Shyamaprasad Mukherjee Road, Kolkata-700 026 Ph 2455-1738/7671	B. E. S. Fr. H. Hin. Ps. Phil. Edn. Music	B. E. Edn. Fr.	M. Ph. Geo. Ec. Stat. Comp. Sc. Elect.	G. Ec. Comp. Sc. Elect.	All. Comm. Sub.	Ay.	Comp. Art.	
58	Umesh Chandra College (1841) 13, Surya Sen Street, Kolkata-700 012 Ph. 2241-1065					All. Comm. Sub.	Ay.	OLSP	
59	Victoria Institution College (1932) 78/B, A. P. C. Road, Kolkata-700 009 Ph 2360-0046 2350-1959	B. E. S. Ur. H. Ps. Phil.	B. E. S. H. Ps. Phil. Ur.	Ph. Ch. M. Ec. G. Zoo. Bot.	M. Ec. Zoo. G. Bot.				Yes
60	Vidyasagar College (1859) 39, Sankar Ghosh Lane Kolkata-700 006 Ph 2241-3018/4447	B. E. H. Hin. S. Ps. Phil.	B. E. Ps. S. H. Phil.	Ph. Ch. M. G. Ec. Zoo. Bot. Phy. Stat.	Ph. M. G. Ch. Zoo. Ec. Bot. Phy. Stat.				
61	Vidyasagar College for Women (1960) 39 Sankar Ghosh Lane Kolkata-700 006 Ph. 2241-8887	B. E. S. H. Ps. Phil.	B. E. S. Ps. Phil.	M. Ph. Ch. Zoo. Bot. Ec. Gen. Phy. Elect.	M. Ph. Ch. Ec. Zoo. Bot. Geo. Phy.				

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
62.	Vidyasagar Evening College, (1961) 39, Sankar Ghosh Lane Kolkata-700 006 Ph. 2241-9508/9505	B, E, H, Hin, Ps, Soc	B, E, H, Ps	Ph, Ch, M, G, Stat	Ph, G, Ch, M	All Com. Sub	Ay		
63.	Vijaygarh Jyotish Roy College, (1950) 8/2, Bejoygarh, Kolkata-700 032 Ph. 2412-4082	B, E, H, Ps, Phil. Edn	B, E, H, Ps, Phil, Edn, Ph. Edn	Ph, Ch, Zoo, Ec, Bot, M, Mi. Bio	Ph, Ch, Ec, Zoo, Bot, Mi. Bio	All Com. Sub	Ay		
64.	Women's Christian College (1945) 6, Greek Church Row, Kolkata-700 026 Ph. 2464-3341	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	G, Ec, M	G, Ec				1(G)
65.	East Calcutta Girls' College, (1992) P-237, Block-B, Lake Town, Kolkata-700 089 Ph. 2534-8039	B, E, H, Ps, Phil, Edn, Jour, Soc	B, E, H, Ps, Phil, Soc, Edn	Ph, Ch, M, Bot, Zoo, G	Zoo, Ec, G, Bot	All Com. Sub	Ay		
66.	Women's College P-29, Khirode Vidyavinode Avenue, Kolkata-700 003 Ph. 2554-4540	B, E, S, H, Phil, Ps, G, Edn, Ec, Music	B, E, S, H, Phil, Ps, Edn						
67.	Beharilal College of Home & Social Science, Alipore	Data not received							
68.	Tara Devi Harakchand College (2005) Cossipore, Kolkata	Data not received							

SOUTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bankim Sardar College (1955) P.O. Tangrakhali Pin-743 329 Ph. 953218-255263	B, S, E, H, Ps, Phil	B, S, H, Ps	Ec, Ph, Ch, M, Bot, Zoo	Ph, Ch, Bot, Zoo	All Com. Sub	Ay		2(B)
2.	Baruipur College (1981) P.O. Purandarpur Math Pin-743 610 Ph. 2433-9566	B, E, H, Edn, Ps, Phil, Jour	B, E, H, Ps, Edn, Phil	G, M	G	All Com Sub	Ay		
3.	Behala College (1963) Parnasree, Behala Kolkata-700 060 Ph. 2451-5354/6451	B, E, S, H, Ps, Phil	B, E, H, Ps	Ph, Ch, M, Zoo, Ec, Stat, Elect, Bot, Def. Stud., Comp. Sc.	Ch, M, Ph, Ec, Zoo			IFF	
4.	Budge Budge College (1971) 7, Deshbandhu Chittaranjan Road, Budge Budge-743 319 Ph. 2470-1454/5168	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Edn, Phil	G, Bot, Ph, Ch, M, Ec, Zoo	G, Zoo, Bot.	All Com Sub	Ay		
5.	Bhangar Mahavidyalaya (1997) P.O. +P.S. Bhangar Pin-743 502 Ph. 953218-270460	B, E, H, Ps, Phil, Edn	B	Ec, G, M	G	All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Dhruba Chand Halder College (1965) P.O. Dakshin Barasat Pin-743 372 Ph. 953218-222550	B, E, S, H, Ps, Phil, Ph. Edn	B, E, H, Ps, Phil	G, Ec, Ph, M, Ch. Zoo, Bot, Mi. Bio. Comp. Sc.	G, M, Mi. Bio, Ec	All Com Sub	Ay		1(B)
7.	Dinabandhu Andrews College, (1956) 54, S.C. Mallick Road P.O. Garia, Kolkata-700 084 Ph. 2430-4377	B, E, S, H, Ps, Phil	B, E, H Ps, Phil	Ec, Ph. M, Ch, Zoo, Bot, Mol. Bio, G	Ec, M, Ph, Ch, Zoo, Bot Mi. Bio	All Com Sub	Ay	PG in Zoo	
8.	Fakir Chand College (1948) P.O. F.C. College Diamond Harbour Pin- 743 331 Ph. 953174-255230	B, E, S, H, Ps,, Phil, Edn, Ph. Edn	B, E, H, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Zoo, Bot, Comp Sc	Ph, M Ch, G, Ec	All Com Sub	Ay	B. Ed	
9.	Gour Mohan Sachin Mondal Maha-vidyalaya, (1969) P.O. Bireswarpur Ph. 953174-277355	B, E, S, H, Ps, Phil, Edn	B, E, H, Ps, Phil, Edn, G	Ph, Ch, M, G	G	All Com Sub	Ay		1(B)
10.	K. K. Das College of Commerce (1964) P.O. Garia, Kolkata-700 084 Ph. 2430-5398	B, E, Soc, Edn	B, E	Ec, M, Stat	Ec, M	All Com Sub	Ay		
11.	Kishore Bharati Bhagini Nivedita (Co. Ed.) College (2001) 148, Ramkrishna Sarani, Vivekananda Palli, Behala, Kolkata-700 060 Ph. 2404-0091	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Phil	Ch, G, Phy, Zoo	G	Ay			

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Magrahat College (1996) P.S. Magrahat Pin-743 335 Ph. 953174-252630	B, E, H, Ps, Edn, G	B, H						
13.	Maheshtala College (1971) P.O. Chandannagar (via-Maheshtala), Pin- 743 352 Ph. 2490-1502/8350	B, E, S, H, Ps, Phil, Edn, Jour & Mass Comm.	B, E, H, S, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Comp Sc.	Ec, M, G	All Com Sub	Ay		
14.	Patharpratima Mahavidyalaya (2001), Patharpratima-743371 Ph. 953210-267602	B, E, H, Ps, Phil, Ec, Edn	B, E, H, Ps, Phil, G			All Com Sub	Ay		
15.	Robin Mukherjee College, (1967) Parnasree, Kolkata-700 060 Ph. 2578-5167					All Com Sub	Ay		
16.	Ramkrishna Mission Residential College (1960), P.O. Narendrapur, Kolkata-100 103 Ph. 2477-2205	B, E, S, H, Hin, Ps, Phil	E, H	Ph, M, Ch, Stat, Ec, Zoo	Ph, M, Ch, Ec, Stat, Comp. Sc				3(B)
17.	Raidighi College (1995) P.O. Raidighi, Pin- 743 383 Ph. 953174-270761	B, E, H, Edn, Ps	B, E, H, Edn	Ph, Ch, M, G	G				
18.	Sammilani Mahavi- dyalaya, (1996) Baghajatin Station E.M.By-Pass, Pin-700 075 Ph. 2462-6869/7656	B, E, S, H, Ps, Phil, Edn	B, E, H, S	Ph, Ch, M, Zoo, Comp. Sc., G, Mi.Bio Mol.Bio	Mi. Bio, Comp. Sc.,G, Ph	All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
19.	Sonarpur Mahavidyalaya(1985) Sahid Biswanath Sarani, P.O. Rajpur Pin-700 149 Ph. 2434-1421	B, E, H, Ps, Phil, Edn	B, E, H, Phil	G, Zoo, Bot, Phy	G	All Com Sub	Ay		
20.	Sundarban Hazi Desarat College (1961) Vill + P.O. Pathankhali Pin-743 611 Ph. 953218-283038	B, E, H, Ps, Phil, Edn	B, H	Ec, Ph, Ch, M, Zoo, Bot, Anthro		All Com Sub	Ay		4(B) 2(G)
21.	Sundarban Mahavidyalaya (1965), P.O. Kakdwip Pin- 743 347 Ph. 953210-255057	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Phil	Ph, Ch, M, Ec, G	Ph, Ec, Ch, M	All Com Sub	Ay		
22.	Sushil Kar College (1968) Ghoshpur, P.O. Champahati Pin- 743 330 Ph. 953218-260005	B, E, H, Ps, Phil, Def. Stud	B, E, H, Ps, Phil	Ec, M,	Ec	All Com Sub	Ay		
23.	Saheed Anurup Ch. Mahavidyalaya (1991) P.O.Burul, Pin-743318 Ph. 2420-6131	B, E, H, Ps, Phil, Edn	B, H, Ps			All Com Sub	Ay		
24.	Sagar Mahavidyalaya, (1998) P.O. Harinbari P.S. Sagar Pin-743 373 Ph. 953210-242882	B, H, Ps, Edn, G	B, H, G						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
25.	Sarsuna College (1999), Sarsuna Upanagari Ho-Chi-Minh Sarani Kolkata-700 061 Ph. 2452-4104/3699	B, E, H, Ps, Edn,	B, E, H, Ps, Edn	Ph, Ch, M, Zoo, Bot, G, Comp Sc., Mi-Bio, Ec	Ch, G, Comp. Sc., Mi-Bio, Ec		Ay		
26.	Vidyanagar College, (1963) P.O. Charashyamdas Pin- 743 503 Ph. 2495-9218	B, E, H, Ps, Phil	B, Phil H, Ps,	Ph, Ch, M, Zoo, Bot, Ec	M, Ec	All Com Sub	Ay		
27.	Vivekananda College, (1950) 269, D.H. Road Thakurpukur, Kolkata-700 063 Ph. 2497-0024/0434	B, E, S, H, Ps, Phil Jour & Mass. Comm	B, E, S, H, Phil, Ps	M, Ec, Zoo, Ph, Bot, Ch, Elect, Stat, G Comp. Sc.	Ph, Ec, Ch, M, Zoo, Bot, G	All Com Sub	Ay	Tax Prac.	
28.	Vivekananda College for Women (1961) Barisha, Kolkata-700 008 Ph. 2468-5031 2445-7575	B, E, S, H, Ps, Phil, Soc Edn	B, E, S, H, Ps, Phil	G, M, Ch, Ec, Zoo, Bot, Anthro, Psy	G, Ec, Anthro, M, Bot				
29.	Kultali Dr. B. R. Ambedkar College, (2005), Kultali	Data not received							
30.	Hingalgañj Mahavidyalaya, (2005) Hingalgañj	Data not received							

NORTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharya Prafulla Chandra College (1960) P.O. New Barrackpore Pin-743 276 Ph. 2537 8797	B, E, S, H, Ps, Phil, Jour, Edn, Ph. Edn, H. Develop	B, E, S, H, Ps, Phil, Jour	Ph, Ch, M, Ec, G, Zoo, Bot, Anthro, Comp. Sc., Elect, Mi. Bio, Fd&Nu	Ph, Ec, Ch, M, G, Comp Sc, Elect, Zoo, Bot, Mi. Bio, Anthro			Comm Eng, Ad. Sales	
2.	Acharya Prafulla Chandra College of Commerce (1966) P.O. New Barrackpore Pin-700 131 Ph. 2537-5311					All Com Sub	Ay		
3.	Banipur Mahila Mahavidyalaya (1999) Banipur (Habra) Pin-743 233 Ph. 953216-238243	B, E, H, Ps, Phil, Edn, Soc	B, Soc, Edn, Ps						
4.	Barasat Govt. College (1950) P.O. Barasat-700 124 Ph. 2552 3365 2562-5053	B, E, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Zoo, Bot	Ph, Ch, M, Ec, G, Zoo, Bot				1(B)
5.	Barasat College (1972) 1, Kalyani Road, Barasat, P.O. Nabapalli Pin-743 203 Ph. 2542 3656	B, E, H, G, Ps, Edn, Soc, Phil	B, H, Ps, Edn	Ec, G	G	All Com Sub	Ay		
6.	Bidhannagar College (1984) BF-142, Bidhannagar Kolkata-700 091 Ph. 2337- 4761	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Stat	Ph, Ch, M, Zoo, Bot, Ec, Stat				

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Barrackpore R. S. College (1953) 85, Middle Road & 6, Riverside Road, Barrackpore Pin-743 101 Ph. 2592-0603/8855 2594-5270	B, E, H, Ps, Phil Edn, Jour & Mass. Comm F, Stud	B, E, H, H, Phil, Ps, Edn, Jour & Mass Comm Soc	Ph, Ch, M, Ec, Comp, Sc, Stat Mi, Bio, Zoo	Ph, Ch, M, G, Ec, Elect, Comp. Sc, Mi-Bio Psy	All Com Sub	Ay	Fin. Mkt BBA	
8.	Basirhat College(1947) P.O. Basirhat- Pin-743 412 Ph. 953217-255-225	B, E, S, Ps, Phil, H, Edn, Soc	B, E, H, Ps, Phil	Ph, Ch, M. Ec, Bot, G, Zoo, Phy,	Ph, Ch, M, Ec, Bot, G, Zoo, Phy,	All Com. Sub	Ay		1(B)
9.	Bhairab Ganguly College (1968) 2, Feeder Road, Belghoria Kolkata-700 056 Ph. 2553-2280 2564-3191	B, E, S, Ur, Ps, Phil, H, Phy, Edn, El.Eng & Bng	B, E, H, Phil, Ur	Ph, Ch, M, Bot, Zoo, Ec, Geo, Phy, G, Elect, Comp. Sc	Ph, M, Ch, G, Bot, Ec, Zoo, Elect, Comp. Sc	All Com. Sub	Ay	Ad.Sale	
10.	Brahmananda Keshab Chandra College (1956) 111/2, B.T. Road Kolkata-700 035 Ph. 2557-2486	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, M, Ph, Ch, Bot, Zoo, Stat, M. Bio	M, Ph, Ch, Bot, Zoo, Ec			IFF	
11.	Prasanta Chandra Mahalanobis Mahavidyalaya (1965) 111/2, B. T. Road Kolkata-700 035 Ph. 2557-2479	Soc, Edn	Soc, Edn	M, G, Ec	G, Ec	All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Chandraketugarh Sahidulah Smriti Mahavidyalaya (1997), P.O.Debalaya (Berachampa) Pin-743 429 Ph. 953216-242652	B, E, H, Ps, Phil, Edn, Soc	B, E, H, Phil						
13.	Dinabandhu Mahavidyalaya (1947) P.O. Bongaon Pin-743 225 Ph. 953215-255044	B, E, S, H, Ps, Phil, Edn	B, E, Ps, H	Ph, Ch, M, Bot, Zoo, Anthro, Comp.Sc. Ec, G	Ph, M, Ec, Zoo, Anthro, Bot, Ch	All Com Sub	Ay	IFF	2(B)
14.	Derozio Memorial College (1996) Rajarhat Road, P.O. R-Gopalpur Pin -700 136 Ph. 2573-1040	B, E, H, Ps, Phil, Edn Jour	B, E, Ps, H, Phil	Ph, Ch, M, Bot, Zoo, Ec, Comp. Sc., Elect	M, Ec, Comp Sc,	All Com Sub			
15.	Dum Dum Motijheel College (1950) 1, Motijheel Avenue, Kolkata-700 074 Ph. 2551-2585	B, E, S, H, Ps, Phil, Edn, Jour, Human Dev., Soc	B, E, H, Ps, Phil, S	Comp. Sc, Ec, Ch, M, Ph, Zoo, Bot, G, Stat, Mi. Bio, M.Bio Elect	Comp Sc, Ec, Ch, Ph, G, Zoo, Bot			INST Comm. Eng	1(B)
16.	Dum Dum Motijheel Rabindra Mahavidyalaya (1968) 208/B/2, Dum Dum Road, Kolkata-700074 Ph. 2551 5921	E, B		G, Ec, M		All Com Sub	Ay		
17.	Gobardanga Hindu College(1947) P.O. Khantura Pin-743 252 Ph. 953216-249210	B, E, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Edn, Phil	Ph, M, Ch, Ec,	Ph, M, Ch, Ec			TTM	1 (B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
18.	Hiralal Mazumder Memorial College for Woman(1959) Dakshineswar, Kolkata-700 035 Ph. 2564-5148	B,E,H,S, Ps,Phil, Edn,Soc Jour	B,E,S,H, Ps, Phil, Soc,Edn	Ph, Ch, M, Bot, Zoo,G, Ec,	G,Ec	All Com. Sub			
19.	Kanchrapara College(1972) P.O. Kanchrapara Pin-743 145 Ph. 25858790	B, E, S, Hin, Ps, Phil	B, E, Hin, Ps, H	Ph, Ch, M, Bot, Zoo, Ec, Comp. Sc	Ph, Ch, M, Ec, Zoo, Comp. Sc	All Com. Sub	Ay	M.A. in Hin	
20.	Kalinagar Mahavidyalaya(1985) Kalinagar, P.O. Kalinagarhat Pin- 743 442 Ph. 2552-5820	B, E, H, Ps, Phil, Edn, G	Edn, G						1 (B)
21.	Mahadevananda Mahavidyalaya (1968) Monirampore, Barrackpore Pin-700 120 Ph. 2592-0577 2593-0843	B, E, H, Hin, Phil, Edn, Ps, S	B, E, H, Phil	Ec, Ph, M, Ch, Zoo, Bot, Elect, Comp Sc. Phy	Ph, M, Ch	All Com. Sub	Ay		
22.	Morning Star College Barrackpore Pin-743 101 Ph. 2560-0577	E, H, Phil	H, Phil						
23.	Mrinalini Datta Mahavidyapith(1964) Vidyapith Road, Birati, Kolkata-700 051 Ph. 2539-3825 2513-9100	B,E,S,H Ps, Phil, Edn,Soc, Jour & Mass. Com	B,E,H,S, Ps, Phil, Edn, Soc	Ph, Ch, M,Ec,G, Comp. Sc.,Bot, Anthro Zoo	Ec, G	All Com Sub	Ay	BBA (H) Ad.Sale	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Nahata Jogendranath Mondal Smriti Mahavidyalaya (1985) P.O. Nahata Pin-743 290 Ph. 953215-253267	B, E, H, Ps, Edn, G, D.Stud	B, E, H, Ps, Edn			All Com Sub	Ay		
25.	Netaji Satabarshiki Mahavidyalaya (2000) Ashokenagar, P.O. Haripur Pin-743 222 Ph. 953216-231438	B, E, H, Ps, Soc, G, Ph, Edn, Music	B, H, Music, Ps						
26.	P. N. Das College (1962) Santinagar, Palta P.O. Bengal Enamel Pin-743 122 Ph. 2592-1327	B, E, H, Ps, Phil, Ec, Env. Sc, Hin, Edn	B, Ps, H			All Com Sub	Ay		
27.	Panihati Mahavidyalaya (1964) Barasat Road, Sodepur Pin-743 178 Ph. 2565-3778	B, E, H, Ps, Phil, Ec, Edn, G	B, Ps, H	Ph, Ch, Ec, Bot, Zoo, Comp. Sc		All Com Sub	Ay		
28.	Ramkrishna Mission Vivekananda Centenary College (1963) P.O. Rahara Ph. 2568-2049 2442-2049	B, E		Ph, Ch, M, Zoo, Bot,	Ph, M, Ch, Bot, Zoo			Ser.	1 (B)
29.	Ramkrishna Sarada Mission Vivekananda Vidyabhavan (1961) 33, Nayapatti Road, Dum Dum Kolkata-700 055 Ph. 2551-3452	B, E, S, H, Ps, Phil, Edn, Soc	B, E, S, H, Ps, Phil, Edn	Ec, M	Ec				2(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
30.	Rishi Bankim Ch. College (1947) Kantalpara, Naihati Pin-743 165 Ph. 2581-2099	B, E, S, H, Ps, Phil	B, E, S, Hin, H, Ps, Phil	Ec, Ch, Ph, M, Zoo, Bot,	Ec, M, Ch, Ph, Zoo, Bot, Elect,	All Com Sub		BCA	
31.	Rishi Bankim Ch. College for Women (1984) Naihati Pin-743 165 Ph. 2581-1281/8375	B, E, S, H, Ps, Phil Edn	B, E, H, Ps, Phil	Ph, Ch, M. Ec, Bot, G, Zoo,	Ch, G				
32.	Rishi Bankim Ch. Evening College (1984) Naihati Pin-743 165 Ph. 2581-1281	B, E, Ps, H, Phil, F, Stud, S, Hin	B, E	Ec, Ph, Ch, M, G	Ec, G,	All Com Sub	Ay		
33.	Sarojini Naidu College for Women (1956) 30, Jessore Road, Dum Dum Kolkata-700 028 Ph. 2559-2583	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, Ch, M, G, Bot, Ec, Zoo, M.Bio Anthro	Ph, G, Ch, M, Bot, Zoo, Ec			Comp App, Comm Eng	1 (G)
34.	Sree Chaitanya College (1956) P.O. Habra Pratfullanagar, Pin-743 268 Ph. 953216-237020/ 236767	B, E, Ps, S, H, Phil, Def.Sty	B, E, Ps, Phil, H	Ph, Ch, M, Bot, Zoo, Ec, Anthro, G, Elect	Ph, Ch, M, Bot, Zoo, Anthro, Ec, G				1 (B)
35.	Sree Chaitanya College of Commerce (1965) P.O. Habra Pratfullanagar, Pin-743 268 Ph. 953216-237086	E, B		Ec, G. Envs	Ec,	All Com Sub	Ay		1(B)

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
36.	Shaheed Nurul Islam Mahavidyalaya (2001) Vill. Gokulpur, Harishpur P.O. Tentulia Pin-743 703 Ph. 953217-253923	B, E, H, Ps, Phil, Edn							
37.	Taki Govt. College (1950) P.O. Taki Pin-743 429 Ph. 9117-247226	B, E, S, H, Ps, Phil	B, E, H, Ps	Ph, Ch, M, Ec, Zoo, Bot	Ch, Ec, Zoo, Bot				
38.	Vivekananda College (1987) P.O. East Udayrajpur, Madhyamgram Kolkata-700 129 Ph. 2538-7392	B, E, H, Ps, Phil, Edn, G	H, G, B, Edn, E			All Com Sub			
39.	College of Genetic Science & Engineering (2002), Badu				Mt.Bio, Bio Tec, Gene				
40.	Dr. B. R. Ambedkar Satabarshiki Mahavidyalaya (2005) Helencha	Data not received							
41.	Sarada Ma Girls College (2005) Baluria Nabapalli, Barasat	Data not received							

HOWRAH (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Azad Hind Fauz Smriti Mahavidyalaya (1986) P.O. Domjur Pin-711 405 Ph. 2670-0838	B, E, H, Ps, Edn, G	B, G, H, Edn			All Com. Sub			
2.	Bagnan College (1958) P.O. Bagnan Pin-711 303 Ph. 953214/272258	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ch, M, Ec	All Com. Sub	Ay		
3.	Bijoy Krishna Girls' College (1947) 5/3, M. G. Road Pin-711 101 Ph. 2660-2341 2650-8877	B, E, S, H, Hin, Phil, Ps, Edn, Soc	B, E, S, H, Hin, Ps, Phil, Edn	Ec, Ph, Ch, M, G, Zoo, Psy, Bot, Mi.-Bio	Ec, Ph, Ch, M, G, Psy, Mi.-Bio	All Com. Sub	Ay	B. Ed	
4.	Gangadharpur Mahavidyalaya (1981) P.O. Gangadharpur Pin-711 302 Ph. 9114-251223	B, E, S, H, Ps, Phil, Edn,	B, H, Ps, Phil, Edn			All Com. Sub	Ay		
5.	Joypur Panchanan Roy College (1986) P.O. Joypur Fakirdas Pin-711 401 Ph. 953214-234130	B, E, H, Ps, Phil, Edn, Ph. Edn	B, E, H			All Com. Sub	Ay		
6.	Dr. Kanailal Bhattacharyya College (1985) P.O. Santragachi, Ramrajatala Pin-711 104 Ph. 2627-2490	B, E, H, Ps, Phil, Edn, G	B, H, Ps, Edn, E, Phil			All Com. Sub	Ay BBA	TTM Int. Dec & Beaut UGC (Voc)	1 (G)

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Lalbaba College (1964) 117, G.T. Road, P.O. Belur Math Pin-711 202 Ph. 2654-6289/9222	B, E, S, Hin, H, Ps, Phil, Edn	B, E, H, Ps, Phil	G, Ec, M, Ph, Ch	G, Ec	All Com. Sub	Ay		
8.	Narshinha Dutta College (1924) 129, Bellious Road, Howrah-711 101 Ph. 2643-8049	B, E, Ur, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Phil	Ec, Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc. Stat	Ec, Ph, Ch, M, Bot, Zoo, Anthro	All Com. Sub	Ay		
9.	Prabhu Jagatbandhu College, (1964) P.O. Jorhat Pin-711 302 Ph.2669-0221	B, E, H, Ps, Phil, Ph, Edn	B, H, Phil, Ps	G, Ec, M, Ph, Ch, Elect, Comp. Sc	G, Ec, M, Ph	All Com. Sub	Ay		
10.	Purash Kanpur Haridas Nandi Mahavidyalaya (1966) P.O. Kanpur-711 410 Ph. 953214-250236	B, E, H, Ps	B, E, H, Ps,	G, Ph, Ch, M, Ec	Ec	All Com, Sub	Ay		
11.	Ramkrishna Mission Vidyamandir (1941) P.O. Belur Math Pin-711 202 Ph. 2654-9181	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ec, Ph, M, Ch, Comp. Sc	Ec, M Ph, Ch,			Comp App, Ind. Chem	5 (B)
12.	Ramsaday College (1946) P.O. Amta Pin-711 401 Ph. 9114-26025	B, H, Ps	B, H, Ps	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ec, Ch, M	All Com. Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Shibpur Dinabandhu Institution (1948) 412/1, G.T. Road (S) Howrah-711 102 Ph. 2688-0496	B, E, S, Ur, Hin, H, Ps, Phil, Soc, Edn	B, E, H, Ps, Phil, Edn	Ph, M, Ch, Ec, Comp, Sc, Zoo, Bot	Ph, M, Ch, Ec, Comp Sc	All Com. Sub	Ay		
14.	Shyampur Siddheswari Mahavidyalaya (1964) P.O. Ajodhya Pin-711 312 Ph. 953214-261221	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	M, Ch, Zoo	All Com. Sub	Ay		
15.	Sovarani Memorial College (1971) P.O. Jagatballavpur Pin-711 408 Ph. 953214-255038	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ch, M, Ec	All Com. Sub	Ay		
16.	Uluberia College (1948) Uluberia Pin-711 315 Ph. 2661-0332	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec	Ph, Ec, Ch, M, Bot, Zoo,	All Com. Sub	Ay		
17.	Sree Agrasain College (2004) Howrah	Data not Received							

HOOGHLY (CU, BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Aghore Kamini Prakash Chandra Mahavidyalaya (1959) Vill. Subhasnagar P.O. Bengai Pin-712 611 Ph. 953211-246235	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, M, Ch, Ec	Ph, M, Ch	All Com Sub	Ay		2 (B) 1 (G)
2.	Arambag Girls' College (1995) P.O. Arambag Pin-712 601 Ph. 953211-255960	B, E, H, Ps, Soc	B, E, H, Ps, Soc						
3.	Balagarh Bijoy Krishna Mahavidyalaya (1985) P.O. Balagarh Pin-712 501 Ph. 953213-260288	B, E, H, Ps	B, H	M, Ec, Ch, Ph	M	All Com Sub	Ay		
4.	Bijoy Narayan Mahavidyalaya (1950) P.O. Itachuna Pin-712 147 Ph. 9113-66275	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec	Ph, Ec, Ch, M, Zoo, Bot				
5.	Bidhan Chandra College (1957) 31, G.T. Road (East) P.O. Rishra Pin-712 248 Ph. 2672-6784/1812	B, E, S, Ps, H, Phil, Edn, Env.std	B, E, Ps, H, Phil	Ph, M, Ec, G, Comp. Sc. Elect.	Ec, M	All Com Sub	Ay	OMSP	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Chandernagore Govt. College (1891) P.O. Chandernagore Pin-712 136 Ph. 2683-5290	B, E, S, Fr, H, Ps, Phil	B, E, Fr, H, Ps, Phil	Ph, Ch, M, G, Bot, Ec Zoo,	Ph, Ec, Ch, M, G, Bot, Zoo,	All Com Sub	Ay	PG (G)	
7.	Hooghly Mohsin College (1836) P.O. Chinsurah Pin-712 101 Ph. 2680-2252	B, E, S, Ur, Ara, Per, H, Ps, Phil	B, E, S, Ur, Ara, Per, H, Ps, Phil	Ph, Ch, M, Ec, G, Bot, Ec, Zoo, Phy, Elect	Ph, M, Ch, G, Ec, Bot, Zoo, Phy, Elect	All Com Sub	Ay	PG (Ps, Phy Comm)	
8.	Hooghly Women's College (1949) Pupulpati P.O. Hooghly Pin-712 103 Ph. 2680-2335	B, E, S, H, Ps, Phil	B, E, S, H, Phil	Ph, Ch, M, Ec, G, Bot, Zoo	Ph, G, Ch, Ec				1 (G)
9.	Kabi Sukanta Mahavidyalaya (1986) P.O. Angus Bhadreswar Pin-712 221 Ph. 2633-6184	B, E, H, Soc, Ec	B, E			All Com Sub	Ay		
10.	Khalisani Mahavidyalaya (1970) P.O. Khalisani Pin- 712 138 Ph. 2682-5530	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	G, Ec, M, Ph, Ch, Comp. Sc	M, G	All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
11.	Nabagram Hiralal Paul College (1957) PO. Nabagram Pin-712 246 Ph. 2673-0007/5161	B, E, S, H, Ps, Phil, Edn	B, E, H, Phil, Ps	Ec, Ph, M, Ch	Ec, Ph, M, Ch	All Com Sub	Ay		
12.	Netaji Mahavidyalaya (1948) Arambag Pin-712 601 Ph. 953211-255012	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Plant Protect	Ph.G, Ch.M, Zoo, Ec, Bot	All Com Sub	Ay	Comm Eng., OMSP	1 (B) 1 (G)
13.	Rabindra Mahavidyalaya (1971) P.O. Champadanga Pin-712 401 Ph. 9112-255104	B, E, S, H, Ps, Phil, P. Edn	B, E, H, S, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Stat	Ph, Ch, Zoo, Ec, Bot, M. Bio	All Com Sub	Ay	Def. Stud	
14.	Raja Peary Mohan College (1881) Uttarpara Pin-712 258 Ph. 2663-4155	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy, Comp.Sc Mi. Bio	Ph, Ec, Ch, M, Zoo, Bot, Phy, Mi. Bio	All Com Sub	Ay		
15.	Raja Rammohan Roy Mahavidyalaya (1964) P.O. Namgulpara, Radhanagar Pin-712 406 Ph. 9532111-266221	B, E, S, H, Ps, Phil, Ph, Edn, Env. Stud	B, E, H, Ps	Ph, Ch, M, Zoo, Bot, Comp. Sc	Ph, Ch, M, Zoo, Bot,	All Com Sub	Ay		
16.	Sarat Centenary College (1976) P.O. Dhaniakhali, Pin-712 302 Ph. 9113-255282	B, E, S, H, Ps, Phil	B, E, H, Ps,	Ph, Ch, M, Zoo, Bot	M	All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
17.	Serampore College (1818) Serampore Pin-712 202 Ph. 2662-2322	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy	Ph, M, Ch, Ec, Zoo, Bot, Phy,	All Com Sub	Ay	Comm. Eng	
18.	Serampore Girls College (1981) 13, T.C. Goswami Street, Serampore Pin-712 201 Ph. 2662-3723	B, E, S, Ps, H, Phil, Edn	B, E, S, Ps, H, Phil, Edn	Ph, Ch, M, Bot, Comp. Sc., G, Elect., Zoo	G, Comp. Sc				
19.	Sree Gopal Banerjee College (1958) VIII, Bagati, P.O. Magra Pin-712 148 Ph. 2684-6244/2706	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, Ch, M, Ph, Zoo, Bot, Plt, Prot	Ph, Ch, M, Zoo, Bot,	All Com Sub	Ay	Tax. Prac	1 (B) 1 (G)
20.	Sri Ramkrishna Sarada Vidyamahapith (1959) P.O. Kamarpukur Pin-712 612 Ph. 953211-244224	B, E, S, H, Ps, Phil	B, E, S, H	Ph, Ch, M, Ec,	Ph, M, Ch, Ec				1(B) 1(G)
21.	Swami Niswam Bala Nanda Girls' College (1978) 87, B.P.M.B Sarani P.O. Bhadrakali Pin-712 232 Ph. 2663-0270	B, E, S, H, Ps, Phil, Edn, Ec	E, B, H, Phil, Edn			All Com. Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
22.	Tarakeswar Degree College(1986) P.O. Tarakeswar Pin-712 410 Ph. 953212-279398 / 276269	B, E, H, Soc, Ps, Phil, Ec	B, E, H, Soc			All Com. Sub	Ay		
23.	Vivekananda Mahavidyalaya (1966) P.O. Haripal Pin-712 405 Ph. 9112-242235	B, E, S, H, Ps, Phil, Ph, Edn	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Elect, Comp Sc, G	M, G, Ec, Comp. Sc	All Com. Sub	Ay		
24.	Vidyasagar Mahavidyalaya (1998) Vill.-Suchia P.O. Mosat Pin-712 701 Ph. 953212-266887	B, E, H, Ps, Edn	B			All Com. Sub	Ay		
25.	Polba Mahavidyalaya (2005) Polba, Hooghly	Data not received							

BURDWAN (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Asansol Girls' College (1956) P.O. Asansol Pin-713 304 Ph. 95341-2254098	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, G, Bot, Ec, Zoo, Comp.Sc	Ch, G, Bot, Ec, Zoo, M				2(G)
2.	Banwarilal Bhalotia College (1944) Ushagram P.O. Asansol Pin-713 303 Ph. 95341-2202842 / 2206529	B, E, Hin, Ur, H, Ps, Phil, S	B, E, Hin, H, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Elect, Stat	Ph, M, Ch, Ec, Zoo, Bot	All Com Sub	Ay	Env. & W. Bsc(IT) BCA BBA Ph. (PG)	1(B)
3.	Bidhan Chandra College (1961) P.O. Asansol Pin-713 304 Ph. 95341-202520	B, E, S, Ur, Hin, H, Ps, Phil	B, E, Hin, H, Ps	Ec, Ph, M, Ch	Ec, M, Ph, Ch	All Com Sub	Ay		
4.	Burdwan Raj College (1881) Aftab House Pin-713 104 Ph. 95342-257843 2565841	B, E, S, H, Ps, Phil, Hin, Soc	B, E, S, H, Ps, Phil, Soc	Ec, Ph, Ch, M, Zoo, Bot, Stat, Elect.	Ec, Ph, Ch, M, Zoo, Bot	All Com Sub	Ay	IFF BBA	2(B)
5.	Chandrapur College (1985) P.O. Chandrapur, Katwa Pin-713 145 Ph. 95342-2752122	B, E, H, Phil, Ps	B, H, E	G, Ec, M	G	All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Deshbandhu Mahavidyalaya (1973) P.O. Chittaranjan, Pin-713 331 Ph. 95341-2525449	B, E, S, Ps, Hin H, Phil	B, E, H, Ps, Hin	Ec, M, Ph, Ch, G	Ec, M	All Com Sub	Ay		
7.	Durgapur Govt. College (1970) Durgapur Pin-713 214 Ph. 95343-2500535/ 2546038	B, E, S, H, Ps, Phil, Ec, Ph. Edn	B, E, S, H, Ps, Phil, Ec	Ph, Ch, M, Bot, Zoo, Elect, Geo, Ec, Ph. Edn	Ph, M, Ch, Ec, Geo, Bot, Zoo	All Com Sub	Ay	PG (Geo)	Nil
8.	Durgapur Women's College (1980) Durgapur Pin-713 209 Ph. 95343-2562852	B, E, S, H, Phil, Ps	B, E, H, Ps	Ec, Ph, M, Ch, Elect	Ch, M				
9.	Dr. Gour Mohan Roy College (1986) P.O. Monteswar Pin-713 145 Ph. 95342-275548	B, E, H, Phil, Ps, Ec	B, E, H, Ps	Ec		All Com Sub	Ay		
10.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya (1996) P.O. Hatgobindapur Pin-713 407 Ph. 95342-2584616	B, E, H, Ps, Phil, Ph. Edn	B, E, H, Ps	G, Ph, M, Ch, Bot, Zoo	M, G	All Com Sub	Ay		
11.	Guskara Mahavidyalaya (1965) P.O. Guskara Pin-713 128 Ph. 953452-255105	B, E, H, S, Phil, Ps	B, E, S, H, Phil, Ps	G, Ec, Ph, M, Ch, Zoo, Bot, Ph. Edn	Ph, M, Ch, G, Zoo, Bot,	All Com Sub	Ay		1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Kazi Nazrul Islam Mahavidyalaya (1982) P.O.Churulia Pin-713 368 Ph. 953465-52202	B, E, Hin, H, Phil, Ps				All Com Sub	Ay		
13.	Kalna College (1943) P.O.Kalna Pin-713 409 Ph. 953454-255032 / 255861	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G	Ph, M, Ch, Bot, Zoo, Ec	All Com Sub	Ay	B.Ed	1(B)
14.	Katwa College (1948) P.O. Katwa Pin-713 130 Ph. 953453-255049 / 255050 / 255164	B, E, S, H, Phil, Ps	B, E, H, Phil, Ps	Ec, Ph, M, Ch, Zoo, G, Bot, Phy, Elect	Ec, M, Ph, Zoo, Ch, Bot, Phy	All Com Sub	Ay		1(B) 1(G)
15.	Khandra College (1982), P.O. Khandra Dt. Burdwan Ph. 95341-2665245	B, E, S, H, Hin, Ps, Phil, Ec	B, E, S, H, Hin, Ps, Phil, Ec			All Com Sub			
16.	Kulti College (1986) P.O. Kulti Pin-713 343 Ph. 95341-2515711	B, E, Hin, H, Ps	B, H	Ec, Ch, Zoo, Bot	Mi-Bio	All Com Sub	Ay		
17.	Kandra Radha Kanto Kundu Mahavidyalaya (2001) Vill + P.O. Kandra, Pin-713 129 Ph. 953453-273372	B, E, H, Ps, Ec, G	B, H						
18.	Mankar College (1987) P.O. Mankar Pin-713 144 Ph. 95343-2517269	B, E, Hin, H, Ps, Phil, S	B, E, H, Ps	Ph, M, G, Ec, Comp Sc.	G, Comp Sc.	All Com Sub	Ay	Comp. App. BCA	

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
19.	Memari College (1981) Memari Hatpukur P.O. Memari Pin-713 146 Ph. 95342-2250589	B, E, H, Ps, Phil, Ph, Edn	B, E, H, Ps, Phil	G, Ec, Ph, M, Ch, Stat, Comp.Sc	G, Ec	All Com Sub	Ay		
20.	Michael Madhusudan Memorial College (1996) Kabi Guru Sarani, City Centre Durgapur Pin-713 216 Ph. 95343-2566700	B, E, H, Ps, Phil	B, E, H, Phil	G, M, Ph., Comp. Sc., Ec	G, Comp. Sc	All Com Sub	Ay	BBA BSc. (I.T)	
21.	M.U.C.Women's College (1955) B. C. Road, Pin-713 104 Ph. 95342-2533168 / 2531900	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, G, Ec, Stat, Mi. Bio	Ph, M, Zoo, Ch, G, Bot, Ec, Stat, Mi.Bio				
22.	Raniganj Girls' College (1980) P.O.Raniganj Pin-713 347 Ph. 95343-2445280 / 2444069	B, E, S, Hin, H, Ps, Phil	B, E, H, Ps, Phil	Ec, Ph, Ch, M, Zoo, Bot	M, Ph, Zoo, Bot	All Com Sub			
23.	Syamsundar College (1948) P.O. Syamsundar Pin-713 424 Ph. 95431-80226	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Bot, Zoo, G, Ec	Ph, M, Ch, Bot, Zoo, Mi.Bio	All Com Sub	Ay	Seed Tech	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Trivenidevi Bhalotia College (1957) P.O. Raniganj Pin-713 347 Ph. 95341-2444780/ 2444275	B, E, S, Ur, Hin, H, Ps, Phil	B, E, Ur, Hin, H, Ps,	G, Geo, Ph, M, Ch, Zoo, Bot, Ec, Phy, Stat, Elect., Comp. Sc.	G, Ec, Geo, Ph, M, Ch, Zoo, Bot, Stat, Elect	All Com Sub	Ay	Ser	1(B)
25.	Vivekananda Mahavidyalaya (1964) P.O. Burdwan Pin-713 103 Ph. 95342-2565521 / 2565208	B, E, S, H, Ps, Phil	B, E, H, Ps,	G, Ec, Ph, M, Ch, Zoo, Bot, Stat	G, Ec, Ph, M, Ch, Zoo, Bot,			Biologi Techni	
26.	Durgapore College of Commerce and Science, (2003) Durgapur	Data not received							
27.	Pandaveswar College, (2005) Burdwan	Data not received							

PURULIA (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Achhruram Memorial College (1975) Vill + P.O. Jhalda Pin-723 202 Ph. 953254-255255	B, E, S, Hin, H, Ps, Phil	B, E, H	Ph, Ch, M, Zoo, Bot	Ph, M				
2.	Balarampur College (1985) P.O. Rangadih Pin-723 143 Ph. 953252-280217	B, E, Hin, H, Ps, Phil	B, E, H, Ps	Ph, Ch, M, G	M, G	All Com Sub	Ay		1(B)
3.	J.K. College (1948) P.O. Ketika Pin-723 101 Ph. 953252-222416 / 228744	B, E, S, Hin, H, Ps, Phil	B, E, H, S, Ps, Phil	Ec, Ph, M, Ch, Zoo,Bot, Geo, Comp, Sc, Stat	Ec, Ph, M, Ch, Zoo, Bot, G	All Com Sub	Ay		2(B)
4.	Kashipur Michael Madhusudan Mahavidyalaya (2000) Kashipur, P.O. Panchokotraj Pin-723 132 Ph. 953251-246556	B, E, H, G, Soc, Ec	B, G, Soc						
5.	Mahatma Gandhi College (1981) Lalpur, P.O. Daldali Dt. Purulia Ph. 953252-240251	B, E, S, H, Ps, Phil, Ec	B, E, H, Ps			All Com Sub	Ay		1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Manbhum Mahavidyalaya(1986) P.O. Manbazar Pin-723 131 Ph. 953253-255632	B, E, H, Ps	B, E, H	Ec, Ph, M, G, Comp. Sc	Ec	All Com Sub	Ay		1(B)
7.	Netaji Subhas Asram Mahavidyalaya (1985) P.O. Suisa Pin-723 212 Ph. 953254-244150	B, E, Hin, H, Phil, G, Ps	B						1(B)
8.	Nistarini College (1957) P.O.Deshbandhu Road Pin-723 101 Ph. 953252- 222064	B,E,S, H, Hin, Ps, Phil, Music	B, E, H, Ps, Phil	G, Ph, M, Ch, Zoo, Bot	G, Ch, M, Bot				2(G)
9.	Panchkot Mahavidyalaya (2000) Sarbari More P.O. Nituria Pin-723 121 Ph. 953251-255512	B, E, Hin, H, Ps, G, Env	B, E, H, G			All Com Sub	Ay		
10.	Raghunathpur College (1961) P.O. Raghunathpur Pin-723 133 Ph. 953251-255235	B, E, S, H, Ps, Phil	B, E, H	Ec, Ph, M, Ch, Zoo, Bot	Ec, M, Ph, Ch	All Com Sub	Ay		2(B)
11.	Ramananda Centenary College (1971) P.O. Laulara Pin-723 151 Ph. 953253-259521 / 259217	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, G, M, Ec, Zoo, Bot	Ch, Ph, Ec				1(G) 1(B)

BANKURA (BU)

1.	Bankura Zilla Saradamani Mahila Mahavidyapith (1973) Nutanchati Road P.O. Bankura Pin-722 101 Ph. 953242-251194	B, E, S, H, Ps, Phil, GEc	B, E, S, Ps, H, Phil, G						1(G)
2.	Bankura Christian College (1903) P.O. Bankura Pin-722 101 Ph. 953242-250924 / 259724 / 251121	B, E, S, H, Ps, Phil,	B, E, S, H, Ps., Phil, Soc	Ph, Ch, M, Bot, Ec, Zoo, G, Phy	Ph, Ch, M, Ec, Bot, Zoo, Elect, G	All Com Sub	Ay		4(B) 1(G)
3.	Bankura Sammilani College (1948) P.O. Kenduadihi Pin-722 101 Ph. 953242-250741	B, E, H, Ps,	B, E, H, Ps	Ch, M, Zoo, Bot, Ph, Mi.Bio	Ch, M, Zoo, Bot	All Com. Sub	Ay		3(B) 1(G)
4.	Barjora College (1985) P.O. Barjora Pin-722 202 Ph. 953241-257309	B, E, H, Ps, Phil, Ec	B, E, H, Ps						
5.	Chatra Ramai Pandit Mahavidyalaya (2000) P.O. Darapur Pin-722 141 Ph. 953244-250640	B, E, H, G, Ph, Edn	B, G			All Com Sub			
6.	Gobinda Prasad Mahavidyalaya (1985) P.O. Amarkan Pin-722 133 Ph. 953241-265266	B, E, H, Phil, Ps	B, E, H	Ec, M					

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Jamini Roy College (1986) Vill + P.O. Beliatore Pin-722 203 Ph. 953241-225926	B, E, H, Ps, Phil, Ec	B, H, E						
8.	Khatra Adibasi Mahavidyalaya (1979) P.O. Khatra Pin-722 140 Ph. 953243-255261	B, E, S, H, Phil, Ps, Ec	B, H, S			All Com Sub	Ay		2(B)
9.	Panchmura Mahavidyalaya (1965) P.O. Panchmura Pin-722 156 Ph. 953243-268227	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ph, Ch, M, Ec	Ec	All Com Sub	Ay		3(B)
10.	Pandit Raghunath Murmu Smriti Mahavidyalaya (1986) Vill- Baragari P.O. Jamboni Pin-722 150 Ph. 953243-268211	B, E, H, Ps, Phil Ec, G	B, H, G E, Ps						
11.	Ramananda College (1945) P.O. Bishnupur Pin-722 122 Ph. 953244-252059	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Phy, Ec, Comp. Sc	Ph, M, Ch, G, Zoo, Bot, Ec, Phy	All Com Sub	Ay		3(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Saldiha College (1966) P.O. Saldiha Pin-722 173 Ph. 953242-262224	B, E, S, H, Ps	B, E, S, H, Ps	Ec, Ph, M, Ch, Zoo, Bot, Phy	Ec, M, Ph, Ch, Zoo	All Com Sub			3(B) 1(G)
13.	Saltora Netaji Centenary College (2001) P.O. Saltora Pin-722 158 Ph. 953241-273456	B, E, S, H, Phil, Ps	B, S, H						
14.	Sonamukhi College (1966) P.O. Sonamukhi Pin-722 207 Ph. 953244-275251	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ec, Ph, M, Ch, Zoo, Bot	Zoo, Bot, M, Ec	All Com Sub	Ay		1(B)
15.	Patrasayer Mahavidyalaya (2005) Bankura	Data not received							

BIRBHUM (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Abhedananda Mahavidyalaya (1965) P.O. Sainthia Pin-731 234 Ph. 953462-262292	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Elect	Ph, M, Ch, Ec, Zoo G	All Com Sub	Ay	BBA	1(B)
2	Birbhum Mahavidyalaya (1979) P.O. Suri Pin-731 101 Ph. 953462-255653 / 253398	B, E, H, S, Ps, Phil, Soc, G	B, E, Ps, G, Phil, S						
3.	Bolpur College (1950) Bolpur Pin-731 120 Ph. 953463-252290	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G	Ph, Ch, M, Zoo, Bot, Ec	All Com Sub	Ay	Ser., Rural Handi Crafts	1(B) 1(G)
4.	Chandidas Mahavidyalaya (1972) P.O. Khujutiapara Pin-731 215 Ph. 953463-246233	B, E, S, H, Ps, Phil	B, E, H	Ph, Ch, Bot, M, Zoo, Ec, G	M	All Com Sub	Ay		
5.	Hiralal Bhakat College (1986) P.O. Nalhati Pin-731 220 Ph. 953465-255254	B, E, H, Ps, Phil, G, Ec	B, H, Ps E			All Com Sub	Ay		
6.	Kabi Nazrul College (1985) Vill+P.O. Murarai Pin-731 219 Ph. 953465-252202	B, E, H, Ps, Phil	B, H	Ch, Zoo, Bot		All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen	Hons	Gen	Hons.		
7.	Krishna Chandra College (1897) P.O. Hetampur Pin-731 124 Ph. 953462-270236	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec	M, Ph, Ch, Ec, Bot, Zoo	All Com Sub			2(B)
8.	Rampurhat College (1950) P.O. Rampurhat Pin-731 224 Ph. 953461-255018	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Elect, G	Ph, M, Ch, Bot, Zoo,	All Com Sub	Ay		
9	Sambhu Nath College (1963) PO Labpur Pin-731 204 Ph. 953463-266225	B, E, S, H, Ps, Phil	B, E, S, H, Ps,	Ph, Ch, M, Zoo, Bot, Ec	Ph, M, Ch	All Com Sub	Ay		
10.	Suri Vidyasagar College (1942) P.O. Suri Pin-731 101 Ph 953462-255504 / 257054	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil,	Ph, M, Ch, Zoo, Bot, Phy, Stat, Ec, Comp Sc, Mi Bio, Elect, Plt Prot	Ph, M, Ch, Zoo, Bot, Phy, Ec, Mi. Bio	All Com Sub	Ay		1(B)
11	Sailajananda Falqooni Smriti Mahavidyalaya (1998) P.O. Khayrasole Pin-731 125 Ph. 953462-240306	B, E, H, Ps, Phil, G	B, H, Phil						
12	Purni Devi Chowdhury Girls' College (2006)	Data not received							
13	Indus Mahavidyalaya 2006	Data not received							

NADIA (KU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen	Hon	Gen	Hon		
1	Dr B R Ambedkar College (1973) PO Betai Pin-741 163 Ph 953471-254207	B E H Phil Ps Ph Edn Ec	B H Ec			All Com Sub	Ay		
2	Bethuadahani College (1986) PO Bethuadahani Pin-741 126 Ph 953474 255401	B E Ps H Phil Soc	H B Ps			All Com Sub	Ay		
3	Chakdaha College (1972) PO Chakdaha Pin /41 222 Ph 9173 242268	B E S H Phil Ps	B E H Ps	Ph M Ch Z Bot Ec Stat G	M Ph Ch Zoo Bot Ec	All Com Sub	Ay	Ad Soc BBA B.A	H.B.
4	Chapra Bangalahi Mahavidyalaya (2001) PO Bangalahi Pin /41 123	B E H Ps	B Com						
5	Dwijendralal College (1968) PO Krishnanagar Pin-741 101 Ph 953472 252240					All Com Sub	Ay		
6	Haringhata Mahavidyalaya (1985) PO Subarnapur Pin-741 249 Ph 953473-233318	B E H Ps Ec G Env Sc	B E H G			All Com Sub	Ay		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Kalyani Mahavidyalaya(1999) B.T.College Campus Pin-741 235 Ph. 2582-1390	B, E, H, Ps, Soc, Edn	B, E, H, Soc, Edn	Ec, M, Stat, G, Comp. Sc, Bot, Ch, Ph, Phy	Ec, G, Comp, Sc, M, Mi.Bio, Tech	All Com Sub	Ay		
8.	Karimpur Pannadevi College (1968) P.O. Karimpur Pin-741 152 Ph. 953471-255158	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, G	Ph, M, Ch, G	All Com Sub	Ay		
9.	Krishnagar Govt. College (1846) P.O. Krishnanagar Pin-741 101 Ph. 953472-252863	B, E, S, H, Ps, Phil	B, E, S, Phil, H, Ps	Ph, Ch, M, G, Ec,Zoo, Bot, Phy, Stat	Ec, Ph, Ch, M, Zoo, Phy, G			PG Phil, G	2(B)
10.	Krishnagar Women's College (1958) P.O.Krishnanagar Pin-741 101 Ph. 953472-252355	B, E, S, H, Phil, Ps	B, E, S, Phil, H, Ps	Ph, M, Ch, Ec, G	Ec				2(G)
11.	Nabadwip Vidyasagar College (1942), P.O. Nabadwip Pin-741 302 Ph. 953472-240009	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Ec, Bot, Zoo,	Ch, M, Zoo, Bot	All Com Sub	Ay		1(B)
12.	Ranaghat College (1950) Old Baharampur Road Ranaghat Pin-741 201 Ph. 9173-255111	B, E, S, H, Ps, Phil, Ec	B, E, S, H, Ps	Ph, M, Ch, G, Zoo, Bot, Geo	Ph, M, Ch, Zoo, Bot	All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Santipur College (1948), P.O. Santipur Pin-741 404 Ph. 953472-278028	B, E, S, Ps, H, Phil, Envs	B, H	Ph, Ch, M, Ec, Bot, Zoo	Ph, M	All Com Sub	Ay	Comp. App	1(B)
14.	Srikrishna College (1950), P.O. Bagula Pin-741 502 Ph. 953473-272205	B, E, H, Ps, Phil, Phy, Edn	B, E, H, Ps	Ph, Ch, M, Ec, Comp. Sc		All Com Sub	Ay		1(B)
15.	Sudhirranjan Lahiri Mahavidyalaya (1966) P.O. Majdia Pin-741 507 Ph. 953472-276206	B, E, H, Ps, Phil, Ec, Soc, Psy, Def.Stud	B, H, Phil, Ps, Psy, Ec, Soc			All Com Sub			

MURSHIDABAD (KU)

1.	Berhampur Girls' College (1946) P.O. Berhampur Pin-742 101 Ph. 953482-251193	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy	Ph, Ec, Ch, Phy			F.Eng Seri, TTM	2(G)
2.	Berhampur College (1963) P.O. Berhampur Pin-742 101 Ph. 953482-252545	B, E, H, Ps, Phil, Ec	B, E, H, Ps, Phil	Ec, G, M, Stat	Ec, M	All Com Sub	Ay	F.Stud	
3.	Dukhulal Nibaran Chandra College (1967) P.O. Aurangabad Pin -742 201 Ph. 953485 262477	B, E, H, Ps, Phil	B, Ps, Phil, H	Ec, Ph, Ch, M		All Com Sub	Ay		1(B)

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Dumkal College (1999) P.O. Dumkal Pin-742 303 Ph. 95348-230770/ 230040	B, E, H, Ps	B, E, H	Ph, Ch, M, G, Comp. Sc, Ec	Ph, M, Ch, G, Comp. Sc	All Com Sub	Ay		
5.	Jangipur College (1950) P.O. Jangipur Pin-742 213 Ph. 953482-264226	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec, G	Ph, M, Ch, Bot, Zoo, G	All Com Sub	Ay		1(B)
6.	Jatindra Rajendra Mahavidyalaya (1986) P.O. Amtala-742 121 Ph. 953482-247244	B, E, H, Ps, Phil	B, H						
7.	Kandi Raj College (1950) P.O. Kandi Pin -742 137 Ph. 953484-255230	B, E, S, H, Phil, Ps, P. Edn	B, E, H, Phil, Ps	G, Ph, Ch, M, Comp. Sc, Zoo, Bot, Ec, Phy	Ph, M, Ch, Ec				1(B)
8.	Krishnanath College (1853) P.O. Berhampore Pin-742 101 Ph. 953482 252069	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, M, Ch, G, Zoo, Ec, Bot, Phy	Ph, M, Ch, G, Zoo, Bot, Phy, Ec			TTMV SRTV PG Seri. Phy, S	3(B) 1(G)
9.	Murshidabad Adarsha Mahavidyalaya (1981) P.O. Chak Islampur Pin-742 304 Ph. 953481-236327	B, E, H, Ps, Phil	B						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Muzaffar Ahmed Mahavidyalaya (1986) P.O. Salar Pin-742 401 Ph. 953484-273305	B, E, H, Ps, Phil, Edn, G	B, H						
11.	Nagar College (1998) Vill + P.O. Nagar Pin-742 159 Ph. 953484-279076	B, E, H, Ps, Phil	B	M, Ec					
12.	Panchthupi Haripada Gouribala College (1996) P.O. Panchthupi Pin-742 161	B, E, Ps, H, Phil		Ec					
13.	Raja Birendra Chandra College (1965) P.O. Kandi Pin-742 137 Ph. 953484-255379	B, E, Edn, Phil, Ps, H, Ec, Ph. Edn	B			All Com Sub	Ay		
14.	Rani Dhanya Kumari College (1962) P.O. Jiaganj Pin-742 123 Ph. 953483-255330	B, E, H, Ps, Phy, Edn	B, E, Soc			All Com Sub	Ay	Def. Stud	
15.	Sewnarayan Rameswar Fatepuria College (1965) P.O. Beldanga Pin-742 133 Ph. 953482-264040	B, E, H, Ps, Phil	B, H, Ps, Phil	Ec, Ph, Ch, M		All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
16.	Sripat Singh College (1950) P.O. Jiaganj Dt. Murshidabad Ph. 953482-250351	B, E, S, Ps, Phil, H	B, H, Ps, Phil, S	Ph, Ch, M, Ec, Bot, Zoo, Mol.Bio, Comp Sc. Bi-tech	Ph, M, Ch, Bot, Zoo,				
17.	Syed Nurul Hasan College (1994) P.O. Farakka Barrage Pin-742 212 Ph. 953485-253817	B, E, H, Ec, Edn, Soc, Ps	B, Soc	M, G	G				
18.	Subhas Chandra Bose Centenary College (1998) Lalbagh, P.O. Murshidabad Pin-742 149 Ph. 953482 270643	B, E, Ur, H, Ps, Phil, Edn, G	B, E						
19.	Lalgola College (2005)	Data not received							

PURBA MIDNAPORE (VU)

1.	Bajkul Miloni Mahavidyalaya (1964) P.O. Kismat Bajkul Pin-721 655 Ph. 03220-274291/ 274460	B, E, S, H, Ps, Phil, Ph, Edn	B, E, H, Ps, Phil, S	Ph, Ch, M, Bot, Zoo, G, Phy, Ec	Ph, G, Ch, M, Bot, Zoo, Ec			Auto-mobile	1(G)
2.	Egra Sarada Sashibhusan College (1968) P.O. Egra Pin-721 429 Ph. 953220-244073	B, E, S, H, Phil, Ps	B, E, H, Ps, S	Ch, G, Zoo, Bot		All Com Sub	Ay	OMSP	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Haldia Govt. College (1988) P.O. Debhog, Haldia Pin-721 657 Ph.953224-255578 / 252044	B, E, Edn, Soc, P. Edn	B, E, Edn, Soc, P. Edn	Ph, Ch, M, Ec, Anthro, Stat, G	Ch, M, Ec, G, Anth, Stat,				1(B) 1(G)
4.	Khejuri College (1999) P.O. Baratala Pin-721 432 Ph.953220-280235	B, E, Edn, Soc, H, S, Ps, Ph. Edn	B, Soc	G	G			AG	
5.	Mahisadal Raj College (1946) P.O. Mahisadal Pin-721 628 Ph. 953224-240220	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo, Comp.Sc	Ph, M, Ch, Ec Zoo	All Com Sub	Ay	Ind. Chem	1(B) 1(G)
6.	Mahisadal Girls' College (1969) P.O. Mahisadal Pin-721 628 Ph.953228-277520 / 240520	B, E, S, H, Phil, Ps, Edn, Soc, G, Music, Ph. Edn, Anth, Nut	B, E, H, Ps, Phil, Edn, Soc, G, S						1(G)
7.	Moyna College (1972) P.O. Moyna Pin-721 629 Ph. 953228-260247	B, E, S, H, Ps, Phil	B, E, S, H	Ch, Bot		All Com Sub		AG	
8.	Mugberia Gangadhar Mahavidyalaya (1964) P.O. Bhupatinagar Pin-721 425 Ph. 953220-270236	B, E, S, H, Ps, Phil, P. Edn, Music	B, E, H, Ps, Phil. S	Ph, Ch, M, Ec	Ec, M, Ch	All Com Sub	Ay	Tax Prac B.Ped	1 (B) 1 (G)

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Panskura Banamali College (1960) P.O. Panskura R. S. Pin-721 152 Ph. 953228-252222	B, E, S, H, Ps, Phil, Ph. Edn, Edn, G, Ec, Music, Sautali	B, E, H, Ps, Edn	Ph, Ch, M, Zoo, Bot, Ec, Phy, G, Comp. Sc., Elect, Mi.Bio, Bio. Tech Sau	Ph.M, Ch, G, Zoo, Bot, Phy, Comp. Sc., Elect, Mi.Bio, Bio. Tech, Ec	All Com Sub	Ay	BCA B, Ed. B. P, Ed	2(B)
10.	Prabhat Kumar College (1926) P.O. Contai Pin-721 401 Ph. 953220-255020	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phill	Ph, G, Ch, M, Bot, Zoo, Ec, Comp. Sc., Anthro	Ph.G, Ch, M, Bot, Zoo, Ec, Comp Sc., Anthro	All Com Sub	Ay	IFF	1(B) 1(G)
11.	Ramnagar College (1972) P.O. Depal Pin-721 453 Ph. 953220-264241	B, E, S, H, Ps, Phil, Soc	B, E, H, Ps, Phil, S	Ph, Ch, M, Bot, Zoo,	M, Ph, Ch, Bot	All Com Sub	Ay	IFF	
12.	Sitananda College (1960) P.O. Nandigram Pin-721 631 Ph. 953224- 232295 / 232494	B, E, H, S, Phil, Ps, Edn	B, E, H, Ps	Ph, Ch, M, Bot, Zoo, Anthro	M, Zoo, Anthro				1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Tamralipta Mahavidyalaya (1948) P.O. Tamluk Pin-721 636 Ph. 953228-266054	B, E, S, H, Ps, Phil, P. Edn	B, E, S, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Phy, Elect, Comp Sc., G	Ph, M, Ch, Zoo, Bot, Ec, Phy	All Com Sub	Ay		1 (B) 1 (G)
14.	Vivekananda Mission Mahavidyalaya (1968) P.O. Chaitanyapur, Pin-721645 Ph. 953224-286223	B, E, S, H, Phil, Ps, Ph. Edn	B, E, H, Ps, Phil	Ph, Ch, M, Elect, Comp. Sc., Nut	Elect, M, Ph, Comp. Sc.	All Com Sub	Ay		
15.	Yogada Satsangha Palpara Mahavidyalaya (1964) P.O. Palpara Pin-721 458 Ph. 953220-249227	B, E, S, H, Phil, Ps	B, E, H, S, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Comp Sc., G	Ph, M, Comp Sc.			BCA	2 (B) 1 (G)

PASCHIM MIDNAPORE (VU)

1.	Belda College (1963) P.O. Belda Pin-721 424 Ph. 953220-255246	B, E, S, H, Ps, Phil, Ph. Edn, Music	B, E, H, Ps, Phil	M, Ch, Ph, Ec, G, Bot, Zoo, Comp. Sc,	Ph, G, M, Ch, Comp. Sc	All Com Sub	Ay	OMSP	1(B)
2.	Bhattar College (1963) P.O. Dantan Pin-721 426 Ph. 953229-253238	B, E, H, Ps, Phil, Ec, S, G, Edn	B, E, H, Ps, Phil, Ec, S, G			All Com Sub	Ay		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Chandrakona Vidyasagar Mahavidyalaya (1985) P.O. Chandrakona Pin-721 201 Ph. 953225-266294	B, E, H, Ps, Phil, Ph, Edn, Env. Sc	B, H,	Ph, M, Ch, Ec G, Comp. Sc.	Comp. Sc			BCA.	
4.	Garhbeta College (1948), P.O. Garbeta Pin-721 127 Ph. 953227-265143	B, E, S, H, Ps, Phil, Ph. Edn	B, E, H, Phil	Ph, Ch, M, Bot, Zoo, Ec, G, Phy, Elect	Ph, Ch, M, Bot, Zoo, G, Phy, Elect				1(B)
5.	Ghatal Rabindra Satabarshiki Mahavidyalaya (1961) P.O. Ghatal Pin-721 212 Ph. 953225-255024	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, Ch, G, Ec, M, Bot, Zoo	G. M, Ch, Ph, Ec	All Com Sub	Ay		
6.	Hijli College (1995) P.O. Hijli Cooperative Pin-721 306 Ph. 953222-278177	B, E, Soc, H	B, E	Ph, M, Ec, G, Comp Sc	Comp. Sc., G			Comp. App, OMSP BCA	
7.	Jhargram Raj College (1949) P.O. Jhargram Pin-721 507 Ph. 953221-255022	B, E, H, Ps, Phil Phy. Edn	B, E, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec Phy	Ph, Ch, M, Bot, Zoo Phy, Ec	All Com Sub	Ay		2(B) 1(G)
8.	Kaibalyadayine College of Commerce, (1961) P.O. Paschim Midnapore, Pin-721 101 Ph. 953222-275836					All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Kharagpur College (1949) P.O. Kharagpur Pin-721 305 Ph. 953222-725920	B, E, S, Hin, H, Ps, Phil	B, E, Hin, H, Ps, Phil	Ec, Comp. Sc, Phy	Ec,	All Com Sub	Ay		1(B)
10.	Midnapore College (1873) P.O. Midnapore Pin-721 101 Ph. 953222-275847	B, E, S, H, Ps, Phil, Hin, Ph. Edn	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy, G, Comp. Sc	Ph.G, Ch, M, Bot, Zoo, Phy, Ec, Comp Sc.			BCA	1(B) 1(G)
11.	Narajole Raj College (1966), P.O. Narajole Pin-721 211 Ph. 953225-259616	B, E, S, H, Ps, Phil	B, E, H, Ps	Ph, Ch, M, Zoo, Bot	M, Ch, Bot				1(B)
12.	Pingla Thana Mahavidyalaya (1965) P.O. Maligram Pin-721 140 Ph. 953222-241224	B, E, S, H, Phil, Ps, Ph. Edn	B, E, H, Phil, Ps,	Ph, Ch, M, Ec, Zoo, G, Bot, Comp. Sc., Phy	M, Ph, Bot, G	All Com Sub	Ay	P&P In	2(B) 1(G)
13.	Raja Narendralal Khan Women's College (1957) Gope Palace, P.O. Vidyasagar University Pin-721102 Ph. 953222-275426	B, E, S, Hin, H, Phil, Ps, Music	B, E, S, H, Phil, Ps, Music	Ph, M, Ch, Ec, Zoo, G, Bot, Phy, Comp. Sc, Mi.Bio	M, Ph, Zoo, Bot, Phy, Comp. Sc, G, Ec, Mi.Bio			BCA, Seri. PG- Zoo	7(G)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons	Gen	Hons.		
14.	Sabang Sajanikanta Mahavidyalaya (1970) P.O. Lutunia Pin-721 166 Ph. 953222-248221	B, E, S, H, Phil, Ps, Ph. Edn	B, E, S, H, Phil, Ps	Ph. M, Ch, Ec, Zoo, Bot,	Ph, Ec, Zoo, M, Bot	All Com Sub	Ay	B.Sc IFF	2(B) 1(G)
15.	Seva Bharati Mahavidyalaya (1964) P.O. Kapgari Pin-721 505 Ph. 953226-263295	B, E, H, Ps, Phil	B, Phil, G	Anthro, Ec, Ph, M, Ch, Zoo	Anthr, M	All Com Sub	Ay	Se. Tech	3(B) 1(G)
16.	Silda Chandrasekhar College (1971) Vill+P.O.Silda Pin-721 515 Ph. 953221-252311	B, H, E, Ps, Phil	B, H, Ps	M, Ph, Ch, Ec	M	All Com Sub			2(B) 1(G)
17.	Subarnarekha Mahavidyalaya (1988) P.O. Gopiballavpur Pin-721 506 Ph. 953221-266278	B, E, Ps, H	B, H,	Anthro, M, Elect, G, Ec	G	All Com Sub	Ay		
18.	Vivekananda Satabarshiki Mahavidyalaya (1964) P.O. Manikpara Pin-721 513 Ph. 953222-230244	B, E, S, H, Phil, Ps	B, H, Ps, Phil	Ph, Ch, M, Ec	Ph, M, Ec	All Com Sub			1(B)
19.	Sukumar Sengupta Mahavidyalaya (2005) Keshpur	Data not received							
20.	Santal Bidroha Sardha Satabarshiki Mahavidyalaya (2005) Goaltere	Data not received							

DARJEELING (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bijonbari Degree College (1995) P.O. Bijonbari Pin-734 201 Ph. 95354-260315	E, N, H, Ps, Ec,							
2	Darjeeling Govt. College (1948) Lebong Cart Road Pin-734 101 Ph. 95354-2254078	B, E, H, Ps, Hin Phil,	B, E, H, Ps, Phil	Ph, Ch, M, G, Ec, Zoo, Bot	Ph, M, Ch, G, Zoo, Bot, Ec	All Com Sub	Ay	PG Zoo, Bot	1(B) 3(G)
3.	Kalipada Ghosh Tarai Mahavidyalaya (1988) P.O. Bagdogra Pin-734 422 Ph. 95353-2450662	B, E, N, H, Ps, Soc, Ec	H.			All Com Sub.	Ay		
4.	Kalimpong College (1962) Rishi Bankim Ch. Park P.O. Kalimpong Pin-734 401 Ph. 953552-255231/ 255486	E, N, Hin, Tib, Ps, H, Phil,	E, N, H, Ps, Phil	Bot, G Zoo, Ec Ec, M	Bot, Zoo	All Com Sub.	Ay	Comm. Eng. TTM	
5.	Kurseong College (1967) Down Hill Road P.O. Kurseong Pin-743 203 Ph. 95354-2344243	B, E, N, Ur, Hin, H, Ps	E, N, H, Ps	Ph, Ch, M, Ec, Zoo, G Bot		All Com Sub	Ay	Comm Eng	
6.	Loreto College (1961) P.O. Darjeeling Pin-734 101 Ph. 95354-2254238	B, E, N, G, Hin, Ps, H, Edn, Ec,	E, N, H, Ps, Edn, G					Comp. App.	1(G)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons	Gen	Hons		
7.	Mirik College (2000) Krishnnagar P.O. Mirik Pin-734 214	E, N, H, Ps, G							
8.	Salesian College (1933) P.O. Sonada Pin-734 219 Ph. 0354-2266328 / 2466243	E, H, Ec, Phil, Edn	E, H			All Com Sub	Ay	BCA BBA B.Ed B.P. Ed Comp. App.	1
9.	Siliguri College (1950) College Para P.O. Siliguri Pin-734 401 Ph. 95353-2436590 2533191/2436590	B, E, S, N, Hin, H, Ps, Phil, Soc, Jour P. Edn.	B, E, N, Hin, H, Ps, Phil Soc Jour	Ch, Ec, M, Ph., Zoo, G, Bot, Mi. Bio. Phy. Stat	Ec, G, Ch, M, Ph, Zoo. Bot, Mi. Bio			TTM, Comp Sc., Comp. App Comp. Eng	1 (B) 1 (G)
10.	Siliguri College of Commerce (1962) P.O. Siliguri Pin-734 401 Ph. 0353-2432594/ 2436817	B, E, H, N				All Com Sub	Ay		
11.	Siliguri Mahila Mahavidyalaya (1981) 1 No. Dabgram Colony P.O. Rabindra Sarani Pin-734 406 Ph. 95353-2596442	B, E, H, Ps, Edn, Ec, Phil	B, E, H, Ps						
12.	Sonada College (1985) P.O. Sonada Pin-734 219 Ph. 95354- 2466316	E, N, H, Ps, Phil	N					Comp. App	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	St. Joseph's College (1927) P.O. North Point Pin-734 104 Ph. 95354-2270555 / 2270472	B, E, Hin N, H, Ps, Soc	E, N, Ps, H	Ph, Ch, M, Ec, Bot,Zoo, Comp. Sc., G, Mi.Bio,	Ph, Ch, Ec, Zoo, Bot Comp. Sc. Mi.Bio	All Com Sub	Ay	BBA Comm. Eng, Mass Comm. Jour, TTM	1 (B) 1 (G)
14.	Cluny Women's College (1998) P.O. Kalimpong Pin-734 301 Ph. 953552-257924	E, N, H, G, Comm. Eng. Soc	E					OMSP BCA Comm Eng	
15.	Surya Sen Mahavidyalaya (1998) Surya Sen Colony Block-B, P.O.Siliguri Pin-734 404 Ph. 95353-2691488	B, E, Ps, Soc, H	E, Ps, Soc	Ph, Ch, M, Ec, Comp. Sc	Ec	All Com Sub	Ay		
16.	Ghoom Jorebungalon Degree College (2005)	N/A							
17.	Gayan Jyoti Collge (2005)	N/A							

JALPAIGURI (NBU)

1.	Alipurduar College (1957) P.O. Alipurduar Court Pin-736 122 Ph. 953564-255045	B,E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ph, Ch, M, Zoo, Bot, Ec, G	Ph, Ec, Ch, M, G Zoo	All Com Sub	Ay	Comp App.	1(B) 1(G)
2.	Ananda Chandra College (1942) P.O. Jalpaiguri Pin-735 101 Ph. 953561-255554/ 257324	B, E, S., H, Ps, Phil, Phy. Edn	B, E, S, H, Ps	Ph, Ch, M, Ec, Bot, G, Zoo, Comp Sc., Phy	Ph, M, Ch, G, Zoo, Bot, Ec, Comp. Sc., Mi.Bio			B.P.Ed M.A. in Beng.	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Ananda Ch. College of Commerce (1962) D.B.C.Road, Jalpaiguri Pin-735 101 Ph. 953561-230734	B, E, M, Ec				All Com Sub	Ay		
4.	Birpara College (1986) P.O. Birpara Pin-735 204 Ph. 953563-266217	B, E, Soc, Ec, G, H	G, B			All Com Sub	Ay		
5.	Falakata College (1981) P.O. Falakata Pin-735 211 Ph. 953563-260307	B, E, H, Ps, Phil, Edn, Ec	B, E, H, Ps, Phil						
6.	Nani Bhattacharyya Smarak Mahavidyalaya Jaigaon, Pin-735 204 Ph. 953566-2632272	B, E, Hin, H, Phil, Ps							
7.	Parimal Mitra Smriti Mahavidyalaya (1985) P.O. Mal Pin-735 211 Ph. 953562-255212 255171	B, E, H, Ps, Phil, N, Ec	B, H, E			All Com Sub	Ay		
8.	Prasannadev Women's College (1950) Club Road P.O. Jalpaiguri Pin-735 101 Ph. 953561-222146	B, E, S, Phil, Ps, H	B, E, S, H, Ps, Phil	Ph, M, Ch, G, Ec, Zoo, Bot	Ph, G, Ch, Ec				2(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Sukanta Mahavidyalaya, (1981) Sukanta Nagar P.O.Dhupguri Pin-735 210 Ph. 953563-50067 / 953563-250067	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Phil	M, Ph, Ec, Comp. Sc	Ec			BCA BBA	
10.	Saheed Khudiram College (1996) P.O. Kamakshyaguri Pin-736 202 Ph. 953564-260419	B, E, H, G, Ps Env. Stud	B, Ps						
11.	Vivekananda College (1985) P.O. Alipurduar Pin-736 121 Ph. 953564-255362	B, E, H, Ps, Phil, Edn	B, E, H, Ps						
12.	Moynaguri College (1999) P.O. Moynaguri Pin-735 224 Ph. 953561-234298	B, E, H, Ps, G., Ec	B, H						

COOCHBEHAR (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons	Gen	Hons		
1.	A.B.N.Seal College (1888) P.O. Coochbehar Pin-736 101 Ph. 953582-222324/ 222314	B, E, S. Hin, H, Ps, Phil	B, E, S. H, Ps, Phil	Ph, Ch. M, Ec, Bot, Zoo	Ph, Ec, Ch, M, Zoo, Bot				1(B)
2.	Cooch Behar College (1970) Kalighat Road P.O. Cooch Behar Pin-736 101 Ph. 953582-256798	B, E, H, Phil, Ps, Ec, G, Ph.Edn	B, E, H, Phil, Ec, G	M		All Com Sub	Ay	Comm. Eng, Ad Sale OMSP	
3.	Dinhata College (1956) P.O. Dinhata Pin-736 135 Ph. 953581-255094	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec	Ph, M, Ch, Ec	All Com Sub	Ay		1(B)
4.	Mathabhanga College (1969) P.O. Mathabhanga Pin-736 146 Ph. 953583-255282	B, E, S, H, Ps, Phil	B, E, H, Ps, S, Phil	Ec, Ph, Ch, M	Ec, Ph	All Com Sub	Ay		1(B)
5.	Mckliganj College (1996) P.O. Mckliganj Pin-735 304 Ph. 953584-255129	B, E, H, Ps, Edn	H, Ps						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Netaji Subhas Mahavidyalaya (1985) P.O. Haldibari Pin-735 122 Ph. 953584-263266	B, E, H, Ps, Phil Ec	B, E, H			All Com Sub			
7.	Sitalkuchi College (1999) P.O. Sitalkuchi Pin-736 158 Ph. 953583-263351	B, E, H, Phil, Ps, G	B						
8.	Thakur Panchanan Mahila Mahavidyalaya (1981) Magazine Road P.O. Cooch Behar Pin-736 101 Ph. 953582-222695	B, E, Ps, H, Phil, Ec	B, E, H					W. Stud	
9.	Tufanganj Mahavidyalaya (1971) P.O. Tufanganj New Town Pin-736 160 Ph. 953582-244263	B, E, S, H, Ps, Phil, Soc, Env. Stud	B, Ps, H, Soc	Ch, Bot, Zoo, Ec		All Com Sub			
10.	University B.T.& Evening College (1968) P.O. Cooch Behar Pin-736 101 Ph. 953582-222714	B, E, H, Ps, Phil, Ec, Envt. Stud	B, E, H, Ps, Phil, Ec			All Com Sub	Ay	B. Ed Comm. Eng	
11.	Bakshirhat Mahavidyalaya (2005)	Data not received							

MALDA (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Chanchal College (1969) P.O. Chanchal Pin-732123 Ph. 953513-253261	B, E, S, Ar, H, Phil, Ps	B, E, Ps, Phil, H	Ph, M, Ch, Ec	Ec	All Com Sub	Ay		1(B)
2.	Gour Mahavidyalaya (1985) P.O. Mangalbari Pin-732 142 Ph. 953512-260547	B, E, H, Edn, Soc	B, E, H, Edn, Soc	Ph, M, Ch, Bot, Zoo, Comp. Sc				Comm. Eng	1(B)
3.	Kaliachak College (1955) P.O. Sultanganj Pin-732 201 Ph. 953512-244696	B, E, H, Ps, Edn	B, Ps, Edn	Ch, Bot, Zoo, G, Ec					
4.	Malda College (1944) P.O. Malda Pin-732 101 Ph. 953512-220807/ 220808	B, E, S, Ar, Hin, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, G, Ec	Ph, M, Ch, G, Zoo, Bot Ec,	All Com Sub	Ay		2(B)
5.	Malda Women's College (1970) P.O. Malda Pin-732 101 Ph. 953512-252597	B, E, S, H, Ps, Ec, G, Soc, Edn	B, E, H, Ps, Soc, G						1(G)
6.	Samsi College (1968) P.O. Samsi Pin-732 139 Ph. 953513-265252	B, E, Ar, S, H, Ps, Ec, Phil, Soc	B, E, Ar, S, H, Ps, Phil			All Com Sub		OMSP	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Pakuahat Degree College (1997) P.O. Pakuahat Pin-732138 Ph. 9503511-266410	B, E, H, Ps, Soc, G	B, H, Soc						1(B)
8.	South Malda College (1995) Kaliachak Pin-732 201 Ph. 953512-224292	B, E, Ar, Hin, Soc, Ps, Ec	B, Soc			All Com Sub			
9.	Gajal Mahavidyalaya (2005)	Data not received							

DAKSHIN DINAJPUR (NBU)

1.	Balurghat College (1948) P.O. Balurghat Pin-733 101 Ph. 953522-255391/ 255392	B, E, S, Ps, Phil, H, Env. Stud	B, E, S, H, Ps	Ph, M, Ch, Zoo, Bot, Ec, G, Comp. Sc	Ph, M, Ch, G, Zoo, Bot, Ec, Comp.Sc	All Com Sub	Ay	PG B.E, M.A. M.Com Comp. App. Comm. Eng.EEM	1(B)
2.	Balurghat Mahila Mahavidyalaya (1970) P.O. Balurghat Pin-733 101 Ph. 953522-255393	B, E, S, H, Ps, Phil, Ec Env.Stud	E, H, Ps, Phil						1(G)
3.	Gangarampur College (1981) P.O. Gangarampur Pin-733 124 Ph. 953521-255075	B, E, H, Ps, Phil Env.Stud	B, E, H Ps, Phil	Ph, Ch, M, Ec, G, Bot, Zoo	Ec, M	All Com Sub	Ay		
4.	Dewan Abdul Gani College (1994) P.O. Harirampur Pin-733 125 Ph. 953524-265243	B, E, H, Ps, Phil, G	B, H, Phil						

UTTAR DINAJPUR (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Shree Agrasen Mahavidyalaya (1995) P.O. Dalkhola Pin-733 201 Ph.953525-255141	B, E, Ur, Hin, Ps, Soc, H	B, H			All Com Sub			
2.	Islampur College (1973) P.O. Islampur Pin-733 202 Ph.953526-255088	B, E, H, Ps, Phil Ur	B, E, H, Ps	Ph, Ch, Ec, M		All Com Sub	Ay		1(B)
3.	Kaliyaganj College (1968) P.O. Kaliyaganj Pin-733 129 Ph. 953523-258030/ 258100/259659	B, E, S, Hin, H, Ps, Phil	B, E, H, Phil, Ps	Ph, Ch, M, Ec	Ec, M	All Com Sub	Ay		1(B)
4.	Dr. Meghnad Saha College (2000) P.O. Itahar, Ranipur Pin-733 128 Ph. 953523-277707	B, E, H, Ps, Soc	B, Soc, H	M, G	G				
5.	Raiganj Surendranath Mahavidyalaya (1986) P.O. Raiganj Pin-733 134 Ph. 953523-251231/ 253055	B, E, H, Ps, Edn, Soc	B, E, Edn, Soc, Ps	Ph, Ch, Zoo, Bot, Ec	Ec				
6.	Raiganj University College (1948) Raiganj Pin-733 134 Ph. 953523-256282/ 252714	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G, Comp. App	Ph, Ch, M, Ec, Bot, Zoo, G	All Com Sub	Ay	Ser. BCA, BBA, Mi.Bio PG,B	1(B) 1(G)

APPENDIX – I (C)
GROWTH OF POPULATION (INDIA)
SELECTED EDUCATION STATISTICS (MHRD)

TABLE I

(000'S)

YEAR	TOTAL	MALE	FEMALE	DECADAL GROWTH RATE	LITERACY RATES		
					TOTAL	MALE	FEMALE
1951	361,088	185,528	175,560	+13.31...	18.33	27.16	8.86
1961	439,235	226,293	212,942	+21.64...	28.31	40.40	15.34
1971	548,160	284,049	264,111	+24.80...	34.45	45.95	21.97
1981	683,329	353,374	329,955	+24.66...	43.67	56.50	29.85
1991	846,303	439,231	407,072	+23.50...	52.21	64.13	39.29 (excluding J & K.)
2001	1027,015	531,277	495,738	+21.34	65.38	75.85	54.16
West Bengal	80,221	41,487	38,733	+17.84	69.22	77.58	60.22

APPENDIX – II**DECADAL GROWTH OF COLLEGES SINCE 1811 (Excluding Technology Colleges)**

Decadal Year	Number of Colleges	Decadal Year	Number of Colleges
1811 – 1821	2	1901 – 1911	1
1821 – 1831	2	1911 – 1921	2
1831 – 1841	1	1921 – 1931	4
1841 – 1851	2	1931 – 1941	7
1851 – 1861	5	1941 – 1951	54
1861 – 1871	0	1951 – 1961	34
1871 – 1881	2	1961 – 1971	97
1881 – 1891	5	1971 – 1981	25
1891 – 1901	3	1981 – 1991	58
		1991 – 2001	43

APPENDIX – III

U.G.C. LIST OF FAKE UNIVERSITIES

1. Maithili University / Vishwavidyalay, Darbhanga, Bihar.
2. Mahila Gram Vidyapith / Vishwavidyalaya, (Women' s University) Prayag, Allahabad (U.P).
3. Varnaseya Sanskrit Vishwavidyalaya, Varanasi (U.P). / Jagat Puri, Delhi.
4. Commercial University Ltd., Darya Ganj, Delhi.
5. Indian Education Council of U. P., Lucknow (U.P).
6. Gandhi Hindi Vidyapith, Prayag, Allahabad (U.P).
7. National University of Electro Complex Homeopathy, Kanpur.
8. Netaji Subhash Chandra Bose University (Open University) Achaltal, Aligarh (U.P).
9. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
10. Bharatiya Siksha Parishad (U.P) Open Vishwavidyalaya, Lucknow (U.P).
11. St. John's University, Kishanattam, Kerala.
12. United Nations University, Delhi.
13. Vocational University, Delhi.
14. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (U.P).
15. Maharana Pratap Shiksha Niketan Vishwavidyalay, Pratapgarh (U.P)
16. Raja Arabic University, Nagpur.
17. Kesarwani Vidyapith, Gorakhpur, Jabalpur, (M.P).
18. Delhi Vishwa Vidyapeeth, 233, Tagore Park, Model Town, Delhi-110009.
19. Badaganvi Sarkar World Open University Education Society, Gokak, Belgaum (Karnataka).

APPENDIX – IV

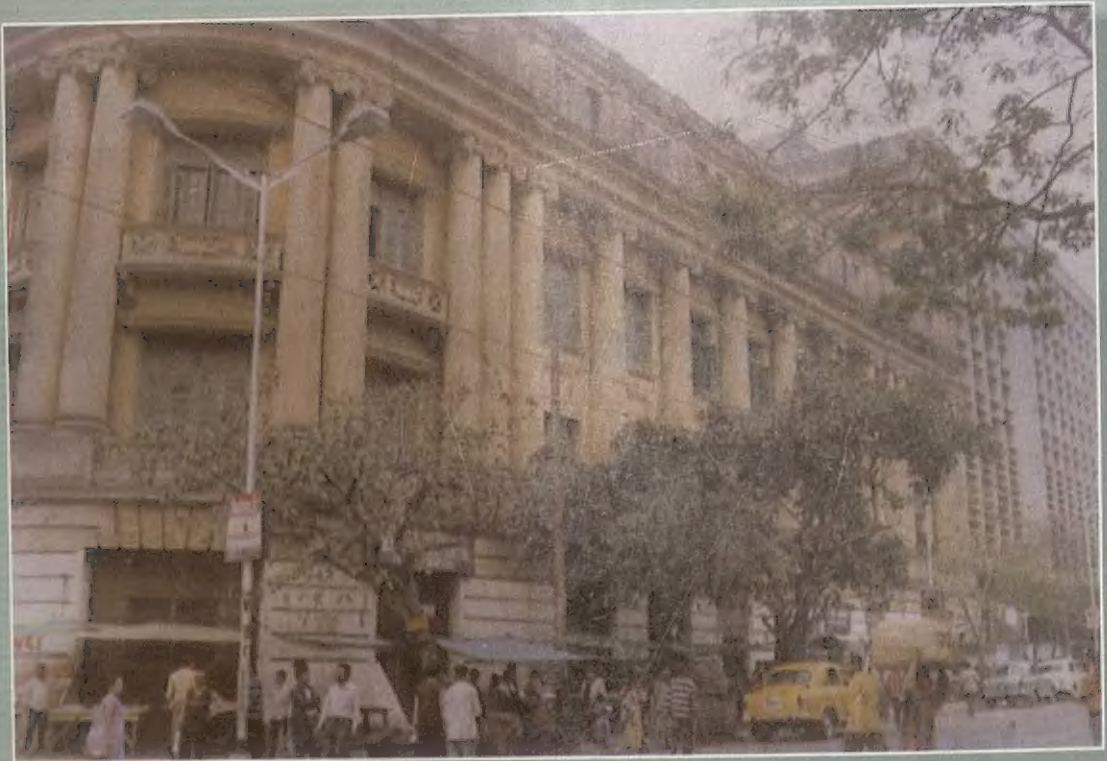
U.G.C. LIST OF VOCATIONAL SUBJECTS

With effect from the academic session of 1994-95, the University Grants Commission has been providing financial assistance to colleges and University departments for introduction of vocational subjects as part of the under-graduate courses in Arts, Science and Commerce. A list of vocational subjects for the introduction of which U.G.C. will provide assistance is given below.

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(i) Arts, Humanities and Social Sciences	<ol style="list-style-type: none"> 1. Functional Hindi 2. Functional Sanskrit 3. Functional English 4. Archaeology & Museology 5. Science and Art of Teaching 6. Early Childhood care and Education
(ii) Commerce, Economics and Management	<ol style="list-style-type: none"> 1. Principles and Practices of Insurance 2. Office Management and Secretarial Practices 3. Tax Procedures and Practices 4. Foreign Trade Procedures and Practices 5. Tourism and Travel Management 6. Advertisement, Sales Promotion and Sales Management 7. Computer Applications
(iii) Science	<ol style="list-style-type: none"> 1. Industrial Chemistry 2. Food Science and Quality Control 3. Clinical Nutrition and Dietetics 4. Industrial Microbiology 5. Bio-Technology 6. Biological Techniques and Specimen Preparation 7. Seed Technology 8. Sericulture 9. Industrial Fish and Fishery 10. Instrumentation 11. Geo-Exploration & Drilling Technology 12. Mass Communication & Video Production 13. Still Photography & Audio Production

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(iv) Engineering & Technology	<ol style="list-style-type: none">1. Electronic Equipment Maintenance2. Computer Maintenance3. Electrical Equipment Maintenance4. Environment & Water Management.
(v) Subjects relevant to Rural, Hilly, Tribal areas	<ol style="list-style-type: none">1. Agro-Service2. Domestic Animal Farming3. Forestry and Wildlife Management4. Soil Conservation & Water Management5. Rural Handicrafts6. Hill Agriculture7. Non-Conventional Energy Sources8. Dryland Agriculture9. Silviculture





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